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MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
AIR QUALITY DIVISION

RENEWABLE OPERATING PERMIT REPORT CERTIFICATION

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environment, Great Lakes, and Energy, Air Quality Division upon request.

Source Name General Shale Brick, Inc., dba Michigan Brick County Shiawassee

Source Address 3820 East Serr Road City Corunna

AQD Source ID (SRN) A6497 ROP No. MI-ROP-A6497-2022a ROP Section No. NA

Please check the appropriate box(es):

☐ **Annual Compliance Certification (Pursuant to Rule 213(4)(c))**

Reporting period (provide inclusive dates): From _____ To _____

☐ 1. During the entire reporting period, this source was in compliance with **ALL** terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the ROP.

☐ 2. During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, **EXCEPT** for the deviations identified on the enclosed deviation report(s). The method used to determine compliance for each term and condition is the method specified in the ROP, unless otherwise indicated and described on the enclosed deviation report(s).

☐ **Semi-Annual (or More Frequent) Report Certification (Pursuant to Rule 213(3)(c))**

Reporting period (provide inclusive dates): From _____ To _____

☐ 1. During the entire reporting period, **ALL** monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred.

☐ 2. During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, **EXCEPT** for the deviations identified on the enclosed deviation report(s).

☒ **Other Report Certification**

Reporting period (provide inclusive dates): From _____ To _____

Additional monitoring reports or other applicable documents required by the ROP are attached as described:

Violation Letter Response dated August 17, 2023

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this report and the supporting enclosures are true, accurate and complete

Jerry Greger	Plant Manager	989.743.3444
Name of Responsible Official (print or type)	Title	Phone Number

Jerry Greger

Signature of Responsible Official

8/18/2023

Date

* Photocopy this form as needed.

EQP 5736 (Rev 04/30/2019)

August 17, 2023

Michigan Department of Environment, Greak Lakes, and Energy
Air Quality Division
Lansing District
Constitution Hall, 1st Floor South
525 West Allegan Street
Lansing, Michigan 48933

Subject: Violation Notice Response
General Shale Brick, Inc., dba Michigan Brick
3820 East Serr Road, Corunna, Michigan 48817
State Registration Number (SRN) A6497
Renewable Operating Permit (ROP) MI-ROP-A6497-2022a

Ms. Luplow,

The General Shale Brick, Inc., dba Michigan Brick (Michigan Brick) facility, located at 3820 East Serr Road in Corunna, Michigan, received a Violation Notice from the Michigan Department of Environment, Greak Lakes, and Energy (EGLE) Air Quality Division (AQD) dated July 28, 2023 (Attachment A). Michigan Brick has reviewed the observations and statements presented in the letter. A table is provided in Attachment B that includes the Rule/Permit Condition Violated, EGLE Comments, dates the violations occurred, an explanation of the causes and duration of the violations, whether the violations are ongoing, a summary of actions that have been taken and are proposed to be taken to correct the violations, the dates by which these actions will take place, and steps that are being taken to prevent a reoccurrence.

In addition, as requested Michigan Brick will submit the following by September 30, 2023:

- A revised Preventative Maintenance Program which includes addressing the baghouse and monitoring system malfunctions. The revised Preventative Maintenance Program will include items that are outlined in Rule 911 for Malfunction Abatement Plans.
- A Quality Improvement Plan, as provided under 40 CFR Part 64 for Compliance Assurance Monitoring.

If you have any questions or need any additional information, please do not hesitate to call me at (989) 743-3444.

Sincerely,

Jerry Greger
Plant Manager
Michigan Brick

Attachments

Cc Jenine Camilleri, EGLE

Attachment A
EGLE AQD Violation Notice
July 28, 2023

GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING DISTRICT OFFICE

EGLE

PHILLIP D. ROOS
DIRECTOR

July 28, 2023

Jerry Greger, Plant Manager
General Shale Brick, Inc., dba Michigan Brick
3820 East Serr Road
Corunna, Michigan 48817

SRN: A6497, Shiawassee County

Dear Jerry Greger:

VIOLATION NOTICE

On April 13, 2023, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted an inspection of General Shale Brick, Inc., dba Michigan Brick (Michigan Brick) located at 3820 East Serr Road, Corunna, Michigan. The purpose of this inspection was to determine Michigan Brick's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions of Renewable Operating Permit (ROP) numbers MI-ROP-A6497-2015 and MI-ROP-A6497-2022a.

During the inspection, staff observed the following:

Process Description	Rule/Permit Condition Violated	Comments
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Monitoring/Recordkeeping SC VI.3	90 recorded instances where the lime feed rate was not maintained at a rate 2.5 times, that of the stoichiometric ratio, calculated according to Appendix 7 between August 2022 and February 2023.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Monitoring & Recordkeeping, SC VII.1 & VII.2.	Failure to identify and report the 82 deviations where the lime feed rate was not maintained at a rate 2.5 times, that of the stoichiometric ratio during the July – December 2022 semi-annual reporting period.

FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.3.	Failure to identify and report the 82 deviations where the lime feed rate was not maintained at a rate 2.5 times, that of the stoichiometric ratio during the January – December 2022 annual reporting period.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Reporting, SC VII.4.	Failure to identify and report the 82 lime feed rate CAM excursions, that occurred from August – December 2022
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Monitoring & Recordkeeping, SC VI.3.	Failure to record the lime feed rate every 2 hours for 8 instances occurring between October and November 2022.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.2	Failure to identify and report the missing lime feed rate records for October and November 2022, as deviations for the semi-annual period of July – December 2022.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.3	Failure to identify and report the missing lime feed rate records for October and November 2022, as deviations for the annual period of January – December 2022.
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Design/Equipment Parameters, SC IV.1 and Rule 910.	The fabric filter baghouse was not operated in a satisfactory manner from May 20 – May 27, 2021, (baghouse pressure drop exceeded the upper limit of 6" w.c.).
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Monitoring & Recordkeeping, SC VI.8	The pressure drop on the fabric filter baghouse exceeded the upper limit of 6" w.c. for 8 days in a row, and was therefore,

		not restored to its normal or usual manner of operation as expeditiously as practicable, nor were any corrective actions taken to prevent a likely reoccurrence.
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Reporting, SC VII.4.	Failure to identify and report the CAM pressure drop excursions that occurred from May 20 – 27, 2021, for the semi-annual reporting period of January – June 2021.
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Reporting, SC VII.1 & SC VII.2.	Failure to identify and report baghouse pressure drop excursions for May 20 – 27, 2021, as deviations for the semi-annual period of January – June 2021.
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Reporting, SC VII.1 & VII.3	Failure to identify and report baghouse pressure drop excursions for May 20 – 27, 2021, as deviations for the annual period of January – December 2021.
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Monitoring/Recordkeeping, SC VI.2	Michigan Brick was unable to provide continuous records of the pressure drop to demonstrate proper operation of the baghouse from May 28, 2021 – August 2, 2022.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Monitoring/Recordkeeping, SC VI.2	Michigan Brick was unable to provide continuous records of the pressure drop to demonstrate proper operation of the baghouse from August 3, 2022 – April 12, 2023.

FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Design/Equipment Parameters, SC IV.4	Michigan Brick operated EUKILN01 from April 6 – April 12, 2023, when the pressure drop monitoring gauge was non-functional.
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Monitoring/Recordkeeping, SC VI.1.	Michigan Brick was unable to provide any temperature records for May 28, 2021 – August 2, 2022.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Design/Equipment Parameters SC IV.2 and Monitoring/Recordkeeping SC VI.1.	Michigan Brick was unable to provide any temperature records for August 3, 2022 – April 12, 2023.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Design/Equipment Parameters SC IV.3.	Michigan Brick failed to maintain and operate a temperature monitoring device to measure the temperature on a continuous basis during the operation of FGKILNS from April 6 – April 12, 2023.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Monitoring/Recordkeeping SC VI.9.	Michigan Brick failed to monitor the temperature of the exhaust gas to the inlet of the baghouse on a continuous basis from April 6 – April 12, 2023.
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Monitoring/Recordkeeping, SC VI.1 & VI.2.	Michigan Brick failed to continuously record the baghouse temperature and pressure drop while operating EUKILN01 from February 16 – March 3, 2022.
FGKILNS (EUKILN01)	MI-ROP-A6497-2015, Reporting, SC VII.4	Michigan Brick failed to identify and report semi-annual CAM monitor downtime events for the period of February 16 – March 3, 2022, for temperature and pressure drop monitoring downtime

		for the semi-annual period of January – June 2022.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Monitoring/Recordkeeping, SC VI.5	Michigan Brick failed to conduct and record daily visible emission observations at the kiln stack from August 3, 2022 – April 30, 2023.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.2	Michigan Brick failed to identify and report deviations for failure to conduct and record daily visible emission observations at the kiln stack from August 3, 2022 – December 31, 2022, for the semi-annual period July – December 2022.
FGKILNS (EUKILN01)	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.3	Michigan Brick failed to identify and report deviations for failure to conduct and record daily visible emission observations at the kiln stack from August 3, 2022 – December 31, 2022, for the annual period January – December 2022.
FGKILNS (EUKILN01)	Rule 910	Baghouse leaks were identified; therefore, Michigan Brick failed to maintain and operate the baghouse in a satisfactory manner from April 12 – May 17, 2023.
FGKILNS (EUKILN01)	Rule 912(4)	Failure to notify the AQD within 2 business days of the discovery of the malfunction (leaks in baghouse April 12 - May 17, 2023) for air emissions in excess of the 0% opacity standard that

		continued for more than 2 hours.
FGKILNS (EUKILN01)	Rule 912(5)	Failure to provide a written report within 30 days of the discovery of the malfunction (leaks in baghouse).

Lime Feed Rate Recordkeeping & Reporting

Lime feed rates are required to be determined according to the equations in Appendix 7 of MI-ROP-A6497-2022a and the car push rates through the kilns. Based on the daily car push rate records provided by Michigan Brick, the "Kiln Firemen" lime feed rate records (where lime feed rates are manually recorded every 2 hours), and well as Michigan Brick's spreadsheet, which calculates the lime feed rate according to Appendix 7, the AQD determined that there were 90 instances between August 2022 and February 2023, where the lime feed rate was lower than the required lime feed rate (2.5 times the stoichiometric ratio). Because Michigan Brick is required to use a lime feed rate that is 2.5 times the stoichiometric ratio, as calculated according to Appendix 7, these 90 instances are deviations from MI-ROP-A6497-2022a. Additionally, these 90 recorded instances are also CAM excursions, as defined in MI-ROP-A6497-2022a SC VI.4.

Michigan Brick is required to report CAM excursions semi-annually and ROP deviations annually and semi-annually. The Annual and Semi-annual reports covering July 2022 – December 2022 were due by March 15, 2023. Michigan Brick submitted these reports without identifying and reporting the lime feed rate CAM excursions and the lime feed rate ROP deviations.

The aforementioned are violations of the following in MI-ROP-A6497-2022a:

- FGKILNS SC VI.3 for failure to maintain a lime feed rate that is 2.5 times that of the stoichiometric ratio, as calculated in Appendix 7, for those 90 instances.
- FGKILNS SC VII.2 and SC VII.3 for failure to identify and report these lime feed rate deviations for August 2022 – December 2022 (annual and semi-annual reports).
- FGKILNS SC VII.4 for failure to identify and report semi-annual CAM excursions for the 82 lime feed rate excursions that occurred between August 2022 and December 2022.

Additionally, Michigan Brick is required to record the lime feed rate once every 2 hours as an indicator of proper operation of the dry lime injection control. For the records review between August 2022 and February 2023, there were 7 instances in October 2022, and one instance in November 2022, where the lime feed rate was not recorded, for a total of 8 instances. This is considered a deviation from the ROP requirements. For the semi-annual reporting period of July 2022 – December 2022, Michigan Brick

submitted their report by March 15, 2023; however, they did not report the 8 instances where the lime feed rate was not recorded.

The aforementioned are violations of the following in MI-ROP-A6497-2022a:

- FGKILNS SC VI.3 for failure to record the lime feed rate every 2 hours for the October and November 2022 instances.
- FGKILNS SC VII.1, SC VII.2 and SC VII.3 for failure to identify and report the lime feed rate missing records as deviations for October and November 2022 (annual and semi-annual reports).

FGKILNS Baghouse Pressure Drop and Temperature Monitoring, Recordkeeping, and Reporting

February 2022
Michigan Brick is required to continuously monitor and record the temperature entering the baghouse and the pressure drop across the baghouse. EUKILN01 temperature and pressure drop data loss occurred from February 16, 2022 – March 3, 2022. Baghouse temperature and pressure drop data were not continuously recorded during this time; however, monitoring of the temperature and pressure drop on the PCD system was still able to be conducted. The system was upgraded on March 3, 2022, to allow for recording of data to ensue.

The aforementioned are violations of the following in MI-ROP-A6497-2015:

- FGKILNS SC VI.1 and SC VI.2 for failure to continuously record the temperature entering EUKILN01's baghouse, and for failure to continuously record the pressure drop across EUKILN01's baghouse, respectively.

Additionally, Michigan Brick is required to report all deviations annually and semi-annually. The annual report (January – December 2022) and semi-annual report (January – June 2022) submitted by March 15, 2022, did not include deviation reports for the February 16 – March 3, 2022 period, where pressure drop was not being recorded continuously.

The aforementioned are violations of the following in MI-ROP-A6497-2015:

- FGKILNS SC VII.1, VII.2 and VII.3 for failure to report the temperature and pressure drop missing records as deviations annually and semi-annually.

April 2023

During the inspection, the AQD staff was told that on April 6, 2023, a lightning storm incident impacted the temperature and pressure monitoring system. Both the data logger and on-screen PCD monitoring were destroyed with the lightning strike: the record logging and on-screen monitoring were no longer functional. All temperature and pressure records were destroyed, except for data from October 3, 2020 – May 27, 2021. This includes all data pre-October 3, 2020, and all data post-May 27, 2021. A refurbished monitoring system was installed on April 12, 2023. Michigan Brick continued to operate from April 6, 2023 – April 12, 2023, while the pressure drop and temperature monitoring and recordkeeping systems were non-functional.

I requested continuous temperature and pressure drop records for January 2021 – December 2022, and Michigan Brick was only able to provide me with October 2020 – May 29, 2021 continuous records for these two operating parameters. The records indicate that from May 20 – May 27, 2021, the pressure drop exceeded the 6" w.c. upper limit of the operating range. Bill Stevens explained during a follow-up call on June 7, 2023, that the pressure drop exceeded the 6" w.c. limit because they increased the flow through the baghouse in an attempt to "clean" the bags of particulate prior to installing new bags. He said that this is common practice prior to installing new bags.

Neither a CAM excursion report nor a deviation report was filed with the AQD for the 2021 annual and semi-annual reporting for the pressure drop excursion greater than 6" w.c.

The aforementioned are violations of the following in MI-ROP-A6497-2015 or MI-ROP-A6497-2022a:

1. Michigan Brick shall not operate a kiln if the pressure drop across the kiln fabric filter is greater than 6" w.c. The pressure drop records from October 3, 2020 – May 27, 2021, indicate that from May 20 – May 27, 2021, the EUKILN01 baghouse was operated at a pressure drop that exceeded the baghouse's 6" w.c. upper limit. This is a violation of FGKILNS SC III.2 of MI-ROP-A6497-2015. Operating the baghouse at a pressure drop greater than the upper limit is also a violation of FGKILNS SC IV of MI-ROP-A6497-2015 and Rule 910 for failure to operate the air-cleaning device (baghouse) in a satisfactory manner.

2. Michigan Brick is required to restore operation of FGKILNS to its normal or usual manner of operation as expeditiously as practicable, upon detecting an excursion in accordance with good air pollution control practices for minimizing emissions and includes taking any necessary corrective actions to restore normal operation, and to prevent the likely reoccurrence of the cause of the

excursion. Because Michigan Brick stated that the pressure drop excursions that occurred from May 20 – May 27, 2021, is common practice, the AQD believes no necessary corrective actions are in place to prevent a reoccurrence of this excursion. The AQD also believes the excursion of operating the baghouse at greater than 6" w.c. for 8 days in a row from May 20 – May 27, 2021, is not considered expeditious. This instance is therefore a violation of MI-ROP-A6497-2015 FGKILNS SC VI.8.

3. An excursion of the baghouse pressure drop range of 2 – 6 "w.c. occurred from May 20 – May 27, 2021, when the pressure drop exceeded 6" w.c. Excursions are required to be reported semi-annually under CAM. Michigan Brick did not report this excursion for the January – June 2021 semi-annual reporting period. Failure to identify and report the pressure drop excursion for the semi-annual period of January – June 2021 is a violation of FGKILNS SC VII.4 of MI-ROP-A6497-2015.

4. Michigan Brick is required to report all deviations annually and semi-annually. The annual report (January – December 2021) and semi-annual report (January – June 2021) did not include deviation reports for the May 20 – May 27, 2021, pressure drop excursions. The failure to report the May 20 – May 27, 2021, pressure drop excursions as deviations is a violation of FGKILNS SC VII.1, VII.2 and VII.3 of MI-ROP-A6497-2015.

5. Michigan Brick is required to continuously monitor and record the pressure drop as an indicator of proper operation of the fabric filter. Michigan Brick was unable to provide continuous records demonstrating that the pressure drop was continuously monitored and recorded from May 28, 2021 – April 12, 2023. This includes the pressure drop data not continuously recorded from February 16 – March 3, 2022, and April 6 – April 12, 2023. This is a violation of MI-ROP-A6497-2015 FGKILNS SC VI.2 (May 28, 2021 – August 2, 2022) and MI-ROP-A6497-2022a FGKILNS SC VI.2 (August 3, 2022 – April 12, 2023).

6. Michigan Brick is required to report all deviations annually and semi-annually. The annual report (January – December 2022) and semi-annual report (January – June 2022) did not include deviation reports for the February 16 – March 3, 2022, period where pressure drop was not being recorded continuously. The failure to identify and report this as deviations, is a violation of FGKILNS SC VII.1, VII.2 and VII.3 of MI-ROP-A6497-2015.

7. Michigan Brick shall not operate the kilns unless the gauge to measure pressure drop across the fabric filter collector is installed and operating properly. Michigan Brick operated EUKILN01 from April 6 – April 12, 2023,

when the pressure drop gauge was non-functional (pressure drop was unable to be monitored or recorded due to the monitoring system failure), and therefore not operating properly. This is a violation of MI-ROP-A6497-2022a FGKILNS SC IV.4.

8. Michigan Brick shall monitor and record the temperature entering each fabric filter for each kiln on a continuous basis. Michigan Brick was unable to provide me with the requested continuous temperature records for May 28, 2021 – December 2022. Additionally, temperature records were also not available for January – April 12, 2023. The missing data from May 28, 2021 – August 2, 2022, is a violation of FGKILNS VI.1 (MI-ROP-A6497-2015). The missing data from August 3, 2022 – April 12, 2023, is a violation of FGKILNS SC IV.2. and SC VI.1 (MI-ROP-A6497-2022a).

9. Michigan Brick is required to continuously monitor and record temperature data during operation of the kilns. Michigan Brick operated EUKILN01 from April 6 – April 12, 2023, when the baghouse temperature monitoring gauge was non-functional (temperature was unable to be monitored or recorded due to the monitoring system failure), and therefore not operating properly. This is a violation of MI-ROP-A6497-2022a FGKILNS SC IV.3. and SC VI.9.

10. Michigan Brick is required to submit semi-annual reports that include the summary information on the number, duration, and cause for CAM monitor downtime incidents. The semi-annual report submitted July 20, 2022, for the semi-annual period of January – June 2022, did not include reporting of the February 16 – March 3, 2022, temperature and pressure drop monitoring downtime. This is a violation of MI-ROP-A6497-2015, FGKILNS SC VII.4

EUKILN01 Visible Emissions

With the issuance of MI-ROP-A6497-2022a, Michigan Brick was required to begin recording daily visible emissions readings rather than monthly on FGKILNS stacks. I requested daily visible emissions records for August 3, 2022 – April 2023. Michigan Brick was unable to provide daily visible emissions records.

The aforementioned is a violation of the following in MI-ROP-A6497-2022a:

- Failure to conduct daily visible emission observations from August 3, 2022 – April 30, 2023, is a violation of FGKILNS SC VI.5.
- Failure to identify and report the deviations associated with not conducting the daily visible emission observations for the semi-annual reporting period of July – December 2022, as well as failure to identify these deviations in the annual report covering January – December 2022.

During the inspection on April 13, 2023, I observed opacity emitting from EUKILN01's stack, and attributed the opacity to the installation of a new bag on the baghouse the day prior. On May 9, 2023, during the stack test on EUKILN01, I again noted opacity from the kiln stack. Michigan Brick stated that during the April 12, 2023 baghouse failure event, they ran UV tracer through the baghouse to determine the issue, and noted, based on the UV light test, that particulate was escaping through seals at the base of the bags.

Michigan Brick continued to operate the kiln and its baghouse with the leaks at the seals, noted on April 12, through Wednesday, May 17, 2023. On May 17, 2023, Jerry Greger informed me that a special, high-heat resistant caulk, endorsed by the Gortex bags representative, was used to seal the leaking spots in the baghouse seals on May 17. He noted that they did find some of the tighteners at the top that clamp down the bags, were also loose.

Operating the baghouse while leaks in the seals and loose clamps were present from April 12, when the issue was noticed through May 17, 2023, when the caulk was applied, is a violation of Rule 910: an air-cleaning device shall be installed, maintained and operated in a satisfactory manner. The baghouse was not being maintained and operated in a satisfactory manner from April 12 – May 17, 2023.

- This is a violation of Rule 910 for failure to maintain and operate the baghouse in a satisfactory manner from April 12 – May 17, 2023.

Because there was no pressure drop data for April 6 – April 12, 2023, nor any daily kiln visible emission readings during this time, there is therefore, no data suggesting that that baghouse was properly operating from April 6, 2022, up until Michigan Brick stated that the excess opacity was seen on April 12, 2022. The AQD considers this an abnormal condition under Rule 912 with indicators that the 0% opacity visible emission standard was exceeded from April 6 – April 12, 2023.

Additionally, the leaks in the seals and loose clamps also created a situation where opacity was emitted at a threshold higher than the allowed emission standard of no visible emissions (indicator is 0% opacity) from April 12 – May 17, 2023.

Rule 912 requires that Michigan Brick notify the AQD of the abnormal condition or malfunction, resulting in air emissions in excess of a standard that continues for more than 2 hours. The notice is required no later than 2 business days after the discovery of the malfunction. The malfunction was discovered on April 12, 2023, and the AQD was not notified until the day of the stack test, May 9, 2023. This is a violation of Rule 912(4) as the notice was provided 27 days after the malfunction was discovered. Additionally, a written report is required to be submitted within 10 days after the malfunction has been corrected, or within 30 days of discovery of the malfunction,

whichever occurs first. The AQD was notified on May 17, 2023, that the malfunction was corrected. This is a violation of Rule 912(5) for failure to provide a written report to AQD within 30 days of the discovery of the malfunction (30 days from date of discovery of the malfunction would have been May 12, 2023). The AQD believes the abnormal condition occurred from April 6, 2023 – May 17, 2023. May 17, 2023, is when Michigan Brick informed AQD that the malfunction had been fixed.

- This is a violation of Rules 912(4) & (5) for failure to notify the AQD and provide a written report within the specified timeframes.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by August 18, 2023, (which coincides with 21 calendar days from the date of this letter). The written response should include the following for each violation:

- The dates the violations occurred,
- An explanation of the causes and duration of the violations,
- Whether the violations are ongoing,
- A summary of the actions that have been taken and are proposed to be taken to correct the violations and the dates by which these actions will take place,
- And what steps are being taken to prevent a reoccurrence.

In addition to the above list, Michigan Brick shall include in their response the following:

- A date by which they will submit a revised Preventative Maintenance Program which includes addressing the baghouse and monitoring system malfunctions. The revised Preventative Maintenance Program shall include items that are outlined in Rule 911 for Malfunction Abatement Plans.
- A date by which they will submit a Quality Improvement Plan, as provided under 40 CFR Part 64 for Compliance Assurance Monitoring.

Please submit the written response to EGLE, AQD, Lansing District, at Constitution Hall, 525 West Allegan, First Floor South, Lansing, Michigan 48933 and submit a copy to Jenine Camilleri, Enforcement Unit Supervisor at EGLE, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

If Michigan Brick believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violations cited above and for the cooperation that was extended to me during my inspection of Michigan Brick. If you have any questions regarding the violations or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,

Michelle Luplow
Environmental Quality Analyst
Air Quality Division
517-294-9294

cc: David McKeown, General Shale Brick, Inc.
Annette Switzer, EGLE
Christopher Ethridge, EGLE
Brad Myott, EGLE
Jenine Camilleri, EGLE
Bob Byrnes, EGLE

Attachment B
Response Table

Process Description: FGKILNS (EUKILN01)

Michigan Brick (SRN: A6497)
3820 East Serr Road, Corunna, Michigan 48817

	Rule/Permit Condition Violated	Comments	Dates Violations Occurred	Explanation of Causes and Duration	Violations Ongoing	Summary of Actions Taken/Proposed Corrective Actions	Dates to be Implemented	Reoccurrence Preventative Measures
1	MI-ROP-A6497-2022a, Monitoring/Recordkeeping SC VI.3	90 recorded instances where the lime feed rate was not maintained at a rate 2.5 times, that of the stoichiometric ratio, calculated according to Appendix 7 between August 2022 and February 2023.	August 2022 to February 2023	Lime feed equipment uses a variable frequency drive to feed the lime. Density of lime and humidity can cause feed rate inconsistencies because the feed rate is based on weight and not volume. Employees check the lime feed rate and make corrections as needed. Lime feed rate is checked to verify corrective actions were sufficient. These corrective actions were not being documented.	No	• Michigan Brick employees have been instructed to document lime feed rate corrective actions. • Michigan Brick will add a mathematical safety factor of 10% to determine a targeted feed rate. The 10% will be added to the lime feed rate calculation as determine according to Appendix 7.	• Completed • September 1, 2023	Records review quarterly by third party.
2	MI-ROP-A6497-2022a, Monitoring & Recordkeeping, SC VII.1 & VII.2.	Failure to identify and report the 82 deviations where the lime feed rate was not maintained at a rate 2.5 times, that of the stoichiometric ratio during the July – December 2022 semi-annual reporting period.	July – December 2022 semiannual reporting	Records review was incomplete.	No	Updated semiannual report submitted.	Completed	Records review quarterly by third party.
3	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.3.	Failure to identify and report the 82 deviations where the lime feed rate was not maintained at a rate 2.5 times, that of the stoichiometric ratio during the January – December 2022 annual reporting period.	January – December 2022 annual reporting	Records review was incomplete.	No	Updated annual report submitted.	Completed	Records review quarterly by third party.
4	MI-ROP-A6497-2022a, Reporting, SC VII.4.	Failure to identify and report the 82 lime feed rate CAM excursions, that occurred from August – December 2022	July – December 2022 semiannual reporting	Records review was incomplete.	No	Updated semiannual report submitted.	Completed	Records review quarterly by third party.
5	MI-ROP-A6497-2022a, Monitoring & Recordkeeping, SC VI.3.	Failure to record the lime feed rate every 2 hours for 8 instances occurring between October and November 2022	November 13, 2022	Missing records were identified by EGLE on 10/5/22, 10/25/22, & 11/13/2022. Michigan Brick identified lime feed rate records recorded on prior days logs for 10/5/22 and 10/25/22. One reading is missing from the 11/13/22 log. Attachment C.	No	Michigan Brick has trained employees on the importance of complete records and documenting all issues, corrective actions, and follow up records demonstrating corrective actions were sufficient.	Completed	Records review quarterly by third party.

	Rule/Permit Condition Violated	Comments	Dates Violations Occurred	Explanation of Causes and Duration	Violations Ongoing	Summary of Actions Taken/Proposed Corrective Actions	Dates to be Implemented	Reoccurrence Preventative Measures
6	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.2	Failure to identify and report the missing lime feed rate records for October and November 2022, as deviations for the semi-annual period of July – December 2022.	July – December 2022 semiannual reporting	Records review was incomplete.	No	Updated semiannual report submitted.	Completed	Records review quarterly by third party.
7	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.3	Failure to identify and report the missing lime feed rate records for October and November 2022, as deviations for the annual period of January – December 2022.	January – December 2022 annual reporting	Records review was incomplete.	No	Updated annual report submitted.	Completed	Records review quarterly by third party.
8	MI-ROP-A6497-2015, Design/Equipment Parameters, SC IV.1 and Rule 910.	The fabric filter baghouse was not operated in a satisfactory manner from May 20 – May 27, 2021, (baghouse pressure drop exceeded the upper limit of 6" w.c.).	May 20 – May 27	It was determined that the increase pressure drop was caused because the Gortex bags needed replacement. The bags were replaced. The manufacturer, Gore Filtration Products, Application Engineer confirmed that a pressure drop of 7.0" w.g. is not a concern for the kiln baghouse with regards to performance (emissions and bag life). Appendix D.	No	• Michigan Brick trained employees on permit required operational ranges on equipment and updated standard practices to include proper operational ranges. • Update CAM Plan and PMP to expand and highlight reporting requirements.	• Completed • September 30, 2023	• Additional review and training on permit conditions has been completed. • Updates to CAM Plan and PMP. • Determine with EGLE if permit modification and/or CAM Plan modifications can raise operating limit to 7" w.g. based on manufacturer warranty.
9	MI-ROP-A6497-2015, Monitoring & Recordkeeping, SC VI.8	The pressure drop on the fabric filter baghouse exceeded the upper limit of 6" w.c. for 8 days in a row, and was therefore, not restored to its normal or usual manner of operation as expeditiously as practicable, nor were any corrective actions taken to prevent a likely reoccurrence.	May 20 – May 27	It was determined that the increase pressure drop was caused because the Gortex bags needed replacement. The bags were replaced. The manufacturer, Gore Filtration Products, Application Engineer confirmed that a pressure drop of 7.0" w.g. is not a concern for the kiln baghouse with regards to performance (emissions and bag life). Appendix D.	No	• Michigan Brick trained employees on permit required operational ranges on equipment and updated standard practices to include proper operational ranges. • Update CAM Plan and PMP to expand and highlight reporting requirements.	• Completed • September 30, 2023	• Additional review and training on permit conditions has been completed. • Updates to CAM Plan and PMP. • Determine with EGLE if permit modification and/or CAM Plan modifications can raise operating limit to 7" w.g. based on manufacturer warranty.

	Rule/Permit Condition Violated	Comments	Dates Violations Occurred	Explanation of Causes and Duration	Violations Ongoing	Summary of Actions Taken/Proposed Corrective Actions	Dates to be Implemented	Reoccurrence Preventative Measures
10	MI-ROP-A6497-2015, Reporting, SC VII.4.	Failure to identify and report the CAM pressure drop excursions that occurred from May 20 – 27, 2021, for the semi-annual reporting period of January – June 2021.	January – June 2021 semiannual reporting	Records review was incomplete.	No	Updated semiannual report submitted.	Completed	Records review quarterly by third party.
11	MI-ROP-A6497-2015, Reporting, SC VII.1 & SC VII.2.	Failure to identify and report baghouse pressure drop excursions for May 20 – 27, 2021, as deviations for the semi-annual period of January – June 2021.	January – June 2021 semiannual reporting	Records review was incomplete.	No	Updated semiannual report submitted.	Completed	Records review quarterly by third party.
12	MI-ROP-A6497-2015, Reporting, SC VII.1 & VII.3	Failure to identify and report baghouse pressure drop excursions for May 20 – 27, 2021, as deviations for the annual period of January – December 2021.	January – December 2021 annual reporting	Records review was incomplete.	No	Updated annual report submitted.	Completed	Records review quarterly by third party.
13	MI-ROP-A6497-2015, Monitoring/Recordkeeping, SC VI.2	Michigan Brick was unable to provide continuous records of the pressure drop to demonstrate proper operation of the baghouse from May 28, 2021 – August 2, 2022.	May 28, 2021 – August 2, 2022	A lightning strike caused record retention gaps by damaging the system. Pressure drop data was recorded on daily firemen logs. Provided in Attachment E. While records are not continuous the logs demonstrate the pressure drop was monitored. In addition, the system is monitored by a PLC unit that will alarm when the unit is out of range. The PLC was operational during this time.	No	• Currently the facility is using the refurbished monitoring system with the addition of a removeable USB data logger. The USB will be pulled monthly for backup data storage to prevent data loss if the monitoring system is damaged. • In addition, the facility installed two temperature probes and one magnehelic gauge to be able to manually document readings (4 times per hour) if necessary, as an additional backup system for if the monitoring system is damaged. • A new data monitoring and recording unit is being purchased. The system will provide real time data, contain a SD card for backup data records, connect to the plant ethernet to print monthly records, and send backup data to the plant server.	• Completed • Completed • December 2023	USB data backup. Temperature gauges and magnehelic gauge have been installed if manual records are needed as an additional back up.
14	MI-ROP-A6497-2022a, Monitoring/Recordkeeping, SC VI.2	Michigan Brick was unable to provide continuous records of the pressure drop to demonstrate proper operation of the baghouse from August 3, 2022 – April 12, 2023.	August 3, 2022 – April 12, 2023	A lightning strike caused record retention gaps by damaging the system. Pressure drop data was recorded on daily firemen logs. Provided in Attachment E. While records are not continuous the logs	No	• Currently the facility is using the refurbished monitoring system with the addition of a removeable USB data logger. The USB will be pulled monthly for backup data storage to prevent data loss if the monitoring system is damaged. • In addition, the facility installed two temperature probes and one	• Completed • Completed • December 2023	USB data backup. Temperature gauges and magnehelic gauge have been installed if manual records are needed as an additional back up.

	Rule/Permit Condition Violated	Comments	Dates Violations Occurred	Explanation of Causes and Duration	Violations Ongoing	Summary of Actions Taken/Proposed Corrective Actions	Dates to be Implemented	Reoccurrence Preventative Measures
				demonstrate the pressure drop was monitored. In addition, the system is monitored by a PLC unit that will alarm with the unit is out of range. The PLC was operational during this time.		magnehelic gauge to be able to manually document readings (4 times per hour) if necessary, as an additional backup system for if the monitoring system is damaged. • A new data monitoring and recording unit is being purchased. The system will provide real time data, contain a SD card for backup data records, connect to the plant ethernet to print monthly records, and send backup data to the plant server.		
15	MI-ROP-A6497-2022a, Design/Equipment Parameters, SC IV.4	Michigan Brick operated EUKILN01 from April 6 – April 12, 2023, when the pressure drop monitoring gauge was non-functional.	April 6 – April 12, 2023	A lightning strike caused the screen to not function properly. The pressure drop is monitored by a PLC unit that will alarm when the unit is out of range. The PLC was operational during this time.	No	• Currently the facility is using the refurbished monitoring system with the addition of a removeable USB data logger. The USB will be pulled monthly for backup data storage to prevent data loss if the monitoring system is damaged. • In addition, the facility installed two temperature probes and one magnehelic gauge to be able to manually document readings (4 times per hour) if necessary, as an additional backup system for if the monitoring system is damaged. • A new data monitoring and recording unit is being purchased. The system will provide real time data, contain a SD card for backup data records, connect to the plant ethernet to print monthly records, and send backup data to the plant server.	• Completed • Completed • December 2023	USB data backup. Temperature gauges and magnehelic gauge have been installed if manual records are needed as an additional back up.
16	MI-ROP-A6497-2015, Monitoring/Recordkeeping, SC VI.1.	Michigan Brick was unable to provide any temperature records for May 28, 2021 – August 2, 2022.	May 28, 2021 – August 2, 2022	A lightning strike caused record retention gaps by damaging the system. Temperature data was recorded on daily firemen logs. Provided in Attachment E. While records are not continuous the logs demonstrate the	No	• Currently the facility is using the refurbished monitoring system with the addition of a removeable USB data logger. The USB will be pulled monthly for backup data storage to prevent data loss if the monitoring system is damaged. • In addition, the facility installed two temperature probes and one magnehelic gauge to be able to	• Completed • Completed • December 2023	USB data backup. Temperature gauges and magnehelic gauge have been installed if manual records are needed as an additional back up.

	Rule/Permit Condition Violated	Comments	Dates Violations Occurred	Explanation of Causes and Duration	Violations Ongoing	Summary of Actions Taken/Proposed Corrective Actions	Dates to be Implemented	Reoccurrence Preventative Measures
				temperature was monitored. In addition, the system is monitored by a PLC unit that will alarm when the temperature is 475F and shut down the kiln when the temperature is 485F. The PLC was operational during this time.		manually document readings (4 times per hour) if necessary, as an additional backup system for if the monitoring system is damaged. • A new data monitoring and recording unit is being purchased. The system will provide real time data, contain a SD card for backup data records, connect to the plant ethernet to print monthly records, and send backup data to the plant server.		
17	MI-ROP-A6497-2022a, Design/Equipment Parameters SC IV.2 and Monitoring/Recordkeeping SC VI.1.	Michigan Brick was unable to provide any temperature records for August 3, 2022 – April 12, 2023.	August 3, 2022 – April 12, 2023	A lightning strike caused record retention gaps by damaging the system. Temperature data was recorded on daily firemen logs. Provided in Attachment E. While records are not continuous the logs demonstrate the temperature was monitored. In addition, the system is monitored by a PLC unit that will alarm when the temperature is 475F and shut down the kiln when the temperature is 485F. The PLC was operational during this time.	No	• Currently the facility is using the refurbished monitoring system with the addition of a removeable USB data logger. The USB will be pulled monthly for backup data storage to prevent data loss if the monitoring system is damaged. • In addition, the facility installed two temperature probes and one magnehelic gauge to be able to manually document readings (4 times per hour) if necessary, as an additional backup system for if the monitoring system is damaged. • A new data monitoring and recording unit is being purchased. The system will provide real time data, contain a SD card for backup data records, connect to the plant ethernet to print monthly records, and send backup data to the plant server.	• Completed • Completed • December 2023	USB data backup. Temperature gauges and magnehelic gauge have been installed if manual records are needed as an additional back up.
18	MI-ROP-A6497-2022a, Design/Equipment Parameters SC IV.3.	Michigan Brick failed to maintain and operate a temperature monitoring device to measure the temperature on a continuous basis during the operation of FGKILNS from April 6 – April 12, 2023.	April 6 – April 12, 2023	A lightning strike caused the screen to not function properly. The temperature is monitored by a PLC unit that will alarm when the temperature is 475F and shut down the kiln when the temperature is 485F. The PLC was operational during this time.	No	• Currently the facility is using the refurbished monitoring system with the addition of a removeable USB data logger. The USB will be pulled monthly for backup data storage to prevent data loss if the monitoring system is damaged. • In addition, the facility installed two temperature probes and one magnehelic gauge to be able to manually document readings (4 times	• Completed • Completed • December 2023	USB data backup. Temperature gauges and magnehelic gauge have been installed if manual records are needed as an additional back up.

	Rule/Permit Condition Violated	Comments	Dates Violations Occurred	Explanation of Causes and Duration	Violations Ongoing	Summary of Actions Taken/Proposed Corrective Actions	Dates to be Implemented	Reoccurrence Preventative Measures
						per hour) if necessary, as an additional backup system for if the monitoring system is damaged. • A new data monitoring and recording unit is being purchased. The system will provide real time data, contain a SD card for backup data records, connect to the plant ethernet to print monthly records, and send backup data to the plant server.		
19	MI-ROP-A6497-2022a, Monitoring/Recordkeeping SC VI.9.	Michigan Brick failed to monitor the temperature of the exhaust gas to the inlet of the baghouse on a continuous basis from April 6 – April 12, 2023.	April 6 – April 12, 2023	A lightning strike caused the screen to not function properly. The temperature is monitored by a PLC unit that will alarm when the temperature is 475F and shut down the kiln when the temperature is 485F. The PLC was operational during this time.	No	• Currently the facility is using the refurbished monitoring system with the addition of a removeable USB data logger. The USB will be pulled monthly for backup data storage to prevent data loss if the monitoring system is damaged. • In addition, the facility installed two temperature probes and one magnehelic gauge to be able to manually document readings (4 times per hour) if necessary, as an additional backup system for if the monitoring system is damaged. • A new data monitoring and recording unit is being purchased. The system will provide real time data, contain a SD card for backup data records, connect to the plant ethernet to print monthly records, and send backup data to the plant server.	• Completed • Completed • December 2023	USB data backup. Temperature gauges and magnehelic gauge have been installed if manual records are needed as an additional back up.
20	MI-ROP-A6497-2015, Monitoring/Recordkeeping, SC VI.1 & VI.2.	Michigan Brick failed to continuously record the baghouse temperature and pressure drop while operating EUKILN01 from February 16 – March 3, 2022.	February 16 – March 3, 2022	A failure of the monitoring equipment caused the gap in recordkeeping. Temperature and pressure drop data was recorded on daily firemen logs. Provided in Attachment E. While records are not continuous the logs demonstrate the	No	• Currently the facility is using the refurbished monitoring system with the addition of a removeable USB data logger. The USB will be pulled monthly for backup data storage to prevent data loss if the monitoring system is damaged. • In addition, the facility installed two temperature probes and one magnehelic gauge to be able to manually document readings (4 times per hour) if necessary, as an	• Completed • Completed • December 2023	USB data backup. Temperature gauges and magnehelic gauge have been installed if manual records are needed as an additional back up.

	Rule/Permit Condition Violated	Comments	Dates Violations Occurred	Explanation of Causes and Duration	Violations Ongoing	Summary of Actions Taken/Proposed Corrective Actions	Dates to be Implemented	Reoccurrence Preventative Measures
				temperature and pressure drop were monitored. During this time the temperature and pressure drop were monitored through the PLC devices with alarm and shut down controls in working order.		additional backup system for if the monitoring system is damaged. • A new data monitoring and recording unit is being purchased. The system will provide real time data, contain a SD card for backup data records, connect to the plant ethernet to print monthly records, and send backup data to the plant server.		
21	MI-ROP-A6497-2015, Reporting, SC VII.4	Michigan Brick failed to identify and report semi-annual CAM monitor downtime events for the period of February 16 – March 3, 2022, for temperature and pressure drop monitoring downtime for the semi-annual period of January – June 2022.	January – June 2022 semiannual reporting	Records review was incomplete.	No	Updated semiannual report submitted.	Completed	Records review quarterly by third party.
22	MI-ROP-A6497-2022a, Monitoring/Recordkeeping, SC VI.5	Michigan Brick failed to conduct and record daily visible emission observations at the kiln stack from August 3, 2022 – April 30, 2023.	August 3, 2022 – April 30, 2023	In the previous ROP the condition for monitoring and recording visible emissions observations was monthly. The facility failed to update inspection schedules to reflect the change.	No	Paperwork has been updated. Staff is aware of daily visible emissions observations requirements.	Completed	Additional review and training on permit conditions has been completed.
23	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.2	Michigan Brick failed to identify and report deviations for failure to conduct and record daily visible emission observations at the kiln stack from August 3, 2022 – December 31, 2022, for the semi-annual period July – December 2022.	July – December 2022 semiannual reporting	Records review was incomplete.	No	Updated semiannual report submitted.	Completed	Records review quarterly by third party.
24	MI-ROP-A6497-2022a, Reporting, SC VII.1 & VII.3	Michigan Brick failed to identify and report deviations for failure to conduct and record daily visible emission observations at the kiln stack from August 3, 2022 – December 31, 2022, for the annual period January – December 2022.	January – December 2022 annual reporting	Records review was incomplete.	No	Updated annual report submitted.	Completed	Records review quarterly by third party.
25	Rule 910	Baghouse leaks were identified; therefore, Michigan Brick failed to maintain and operate the baghouse in a satisfactory manner from April 12 – May 17, 2023.	April 12 – May 17, 2023	Michigan Brick was conducting opacity readings per the approved CAM Plan which sets an acceptable range for baghouse	No	Michigan Brick employees noted that the opacity was not what they typically observed therefore they began to investigate and take corrective actions to repair issues identified with the baghouse. During this time Michigan	• Completed • September 30, 2023	Update CAM Plan.

	Rule/Permit Condition Violated	Comments	Dates Violations Occurred	Explanation of Causes and Duration	Violations Ongoing	Summary of Actions Taken/Proposed Corrective Actions	Dates to be Implemented	Reoccurrence Preventative Measures
				exhaust gas opacity as <10%. The CAM Plan states this indicator range was established during the compliance emissions testing performed in 1994. Michigan Brick employees did not believe that the opacity they observed was greater than 10% and therefore did not believe the baghouse was failing to work within an acceptable range.		Brick did not believe they were operating the baghouse in an unsatisfactory manner as opacity was less than 10%. • A UV inspection provided corrective actions that included applying sealant to identified gaps and improving fittings. Michigan Brick implemented these corrective actions. • Update CAM Plan to state that if during the daily uncertified opacity reading visible emissions are present Michigan Brick will perform and document a Method 9 opacity reading to determine if the opacity is greater than the established acceptable range for baghouse exhaust gas opacity of <10%. Corrective actions will be taken and documented.		
26	Rule 912(4)	Failure to notify the AQD within 2 business days of the discovery of the malfunction (leaks in baghouse April 12 - May 17, 2023) for air emissions in excess of the 0% opacity standard that continued for more than 2 hours.	April 12 – May 17 2023	Michigan Brick was conducting opacity readings per the approved CAM Plan which sets an acceptable range for baghouse exhaust gas opacity as <10%. The CAM Plan states this indicator range was established during the compliance emissions testing performed in 1994. Michigan Brick employees did not believe that the opacity they observed was greater than 10%.	No	• Bags were clamped and sealed. • Update CAM Plan to state that if during the daily uncertified opacity reading visible emissions are present Michigan Brick will perform and document a Method 9 opacity reading to determine if the opacity is greater than the established acceptable range for baghouse exhaust gas opacity of <10%. Corrective actions will be taken and documented.	• Completed • September 30, 2023	Update CAM Plan.
27	Rule 912(5)	Failure to provide a written report within 30 days of the discovery of the malfunction (leaks in baghouse).	May 12, 2023	See line 26.	No	• Notification submitted 5/17/23. • Update CAM Plan and PMP to expand and highlight reporting requirements.	• Completed • September 30, 2023	Additional review and training on permit conditions has been completed. Updates to CAM Plan and PMP.

Attachment C
Lime Feed Rate Records
10/4/2022 & 10/5/2022
10/24/2022 & 10/25/2022
11/13/2022

Kiln Firemen

Lime rate and weight every 2 hours

Date	Time	Lime control rate	Lime lbs per hr act.	Lime lbs Per hr.
	1:00	18.90	109.73	110
10/4	3:00	18.90	110.72	
	5:00	18.90	109.52	
	7:00	18.9	110.5	
	9:00	18.9	108.9	
	11:00	18.9	109.7	
	13:00	18.9	111.3	
	15:00	18.9	111.4	
	17:00	18.9	111.2	
	19:00	18.9	111.0	
	21:00	18.9	111.5	
	23:00	18.90	110.51	

Comments

10/5	2300 –	18.90	108.4	110 lbs
	0100 –	18.90	108.99	
	0300 –	18.90	108.46	
	0500 –	18.90	109.52	

Kiln Firemen

Lime rate and weight every 2 hours

Date	Time	Lime control rate	Lime lbs per hr act.	Lime lbs Per hr.
10-5-22	1:00			110
	3:00			
	5:00			110
	7:00	18.9	108.6	110
	9:00	18.8	108.4	100
	11:00	18.9	114.4	
	13:00	17.3	102.8	
	15:00	17.3	101.2	
	17:00	17.3	101.4	
	19:00	17.3	101.5	
	21:00	17.3	101.0	
	23:00			

Comments

Kiln Firemen

Lime rate and weight every 2 hours

Date	Time	Lime control rate	Lime lbs per hr act.	Lime lbs Per hr.
	1:00	17.10	101.37	100
10/24	3:00	16.46	101.05	
	5:00	17.22	100.26	
	7:00	16.6	99.7	
	9:00	17.2	100.4	
	11:00	17.3	100.9	
	13:00	17.2	101.2	
	15:00	17.3	102.2	
	17:00	17.3	101.7	
	19:00	17.3	101.4	
	21:00	17.3	101.3	
	23:00	16.58	100.79	

Comments

10/25 -	2300 -	16.42 -	100.7 per hr	100 lbs per
	1:00 -	16.62	99.73	
	3:00 -	17.3	101.05	
	5:00 -	17.3	98.9	

Kiln Firemen

10 25 22

Lime rate and weight every 2 hours

Date	Time	Lime control rate	Lime lbs per hr act.	Lime lbs Per hr.
	1:00			100
	3:00			
	5:00			
	7:00	17.3	100.4	
	9:00	17.3	102.1	
	11:00	17.3	100.8	
	13:00	17.0	101.3	
	15:00	17.3	102.4	
	17:00	17.3	101.9	
	19:00	17.3	102.1	
	21:00	17.3	101.9	
	23:00	17.3	101.8	

Comments

Kiln Firemen

Lime rate and weight every 2 hours

Date	Time	Lime control rate	Lime lbs per hr act.	Lime lbs Per hr.
	1:00	24.2	101.2	95
11/13	3:00	24.2	100.7	
	5:00	24.2	103.4	
	7:00	24.20	104.6	
	9:00	24.2	103.1	
	11:00	24.2	112.4	
	13:00	22.2	104.2	
	15:00	21.5	103.7	
	17:00	21.5	101.8	
	19:00	21.5	100.7	
	21:00	21.5	99.4	
	23:00	24.2		

Comments

Attachment D
Gore Filtration Products
Pressure Drop Letter

Together, improving life

August 11, 2023

Michigan Brick
3820 Serr Road
Corunna, MI 48817

Attention: Mr. Bill Stevens & Mr. Steve Arnett

W. L. Gore & Associates, Inc. has no concerns with increasing the differential pressure to 7.0" w.g. in the kiln baghouse with regards to the expected performance (emissions and bag life) for Gore part number 83BT28005 as stated in the attached Warranty 00060706 for Michigan Brick.

Best Regards,

Chris Polizzi

Mr. Chris Polizzi

W. L. Gore & Associates, Inc.
101 Lewisville Road
Elkton, MD 21921

T +1 410 392 3300
F +1 410 398 6624
gore.com

GORE, *Together, improving life* and designs are trademarks of W. L. Gore & Associates

Attachment E
Firemen Logs
May 28,2021 – April 12, 2023

Date 1-1-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-1-23	0353	56/105	168	146	5.39	26°			
	253	56/90	170	148	5.08	24°			
	553	56/88	167	142	4.83	24°			
	853	56/80	164	137	4.69	22°			
	1138	56/105	191	168	5.46	28			
	1438	56/85	193	165	4.92	35			
	1738	56/75	193	160	4.79	35			
	2038	56/72	189	155	4.75	31			

Note any changes to the system

Date 1-2-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/2	2338	56/92	366	318	5.6	30°			
	0238	56/108	377	345	5.6	28°			
	0538	56/115	384	361	4.7	26°			
	0838	56/118	204	190	4.59	26°			
	1138	56/120	205	190	4.60	32°			
	1438	56/126	204	190	4.66	33			
	1738	56/118	204	189	4.63	31			
	2038	56/123	204	189	4.59	26			

Note any changes to the system

Date 1-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/3	2338	56/122	375	356	4.6	26°			
	0238	56/122	381	361	4.6	28°			
	0538	56/124	384	363	4.6	28°			
	0638	56/125	193	182	4.4	30°			
	1138	54/125	194	182	4.42	30°			
	1438	54/126	193	181	4.61	33			
	1735	54/122	197	185	5.58	34			
	2038	56/123	197	186	4.61	32			

Note any changes to the system

Date 1-4-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/4	2338	56/120	399	372	4.6	33°			
	0238	56/120	393	374	4.6	34°			
	0538	56/122	401	377	4.6	34°			
	0838	52/125	202	190	4.48	32°			
	1138	52/125	204	190	4.62	34°			
	1425	56/125	202	188	4.63	33°			
	1720	56/120	206	191	4.63	32°			
	2011	56/120	202	189	4.59	32°			

Note any changes to the system

Date 1-5-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/5	2302	56/119	390	368	4.6	30°			
	0153	56/120	397	370	4.6	30°			
	0453	56/122	406	379	4.6	28°			
	0753	56/125	207	195	4.6	26°			
	1053	56/125	208	196	4.6	28°			
	1353	56/125	206	192	4.6	30°			
	1653	56/121	393	370	4.61	28°			
	1953	56/128	386	359	4.55	24°			

Note any changes to the system

Date 1-6-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/10	2253	56/124	381	357	4.6	24°			
	0153	56/124	386	363	4.6	24°			
	0453	56/125	388	365	4.6	24°			
	0753	54/125	199	184	4.54	26°			
	1053	56/126	205	190	4.58	28°			
	1438	56/118	402	377	4.61	29°			
	1802	56/120	404	381	4.57	27°			
	2126	56/122	401	377	4.61	26°			

Note any changes to the system

Date 1-7-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/7	0050	56/122	404	381	4.6	24°			
	0414	56/124	399	374	4.6	24°			
	0738	56/124	395	372	4.6	24°			
	1102	56/122	401	375	4.56	22°			
	1426	56/124	392	368	4.57	22°			
	1750	56/122	411	375	4.59	22°			
	2114	56/121	399	375	4.54	21°			

Note any changes to the system

Date 1-8-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/8	0038	56/125	390	366	4.6	20°			
	0402	56/125	388	365	4.56	20°			
	0720	56/125	392	368	4.55	20°			
	1050	56/125	388	343	4.52	22°			
	1414	56/124	388	343	4.57	21°			
	1738	56/123	397	370	4.59	20°			
	2102	56/124	397	372	4.56	21°			

Note any changes to the system

Date 1-9-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/9	0026	56/125	392	368	4.58	20'			
	0350	56/124	399	374	4.55	20°			
	0714	56/128	395	368	4.56	20°			
	1038	56/128	399	374	4.53	22°			
	1402	56/126	203	192	4.57	30			
	1726	56/124	203	190	4.61	30			
	2052	56/125	201	189	4.55	20			

Note any changes to the system

Date 1-10-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/10	0016	56/124	397	374	4.57	20°			
	0340	56/124	399	375	4.53	20°			
	0708	56/125	406	381	4.56	24°			
	1026	56/122	413	388	4.55	27°			
	1439	54/125	210	196	4.59	35			
	1803	56/120	212	197	4.59	32			
	2027	54/121	207	193	4.60	27			

Note any changes to the system

Date 1-11-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/11	0051	56/125	393	370	4.56	24°			
	0415	56/120	393	368	4.55	24°			
	0739	56/124	203	190	4.58	26°			
	1103	56/128	202	189	4.60	32°			
	1427	56/121	206	192	4.60	34			
	1751	56/121	205	191	4.63	35			
	2115	56/119	204	190	4.56	33			

Note any changes to the system

Date 1-12-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-12	0039	56/116	207	192	4.59	30°			
	403	56/120	201	188	4.63	30°			
	727	56/128	392	366	4.59	30°			
	1051	56/126	393	366	4.57	29°			
	1415	56/125	200	186	4.54	28			
	1739	56/124	199	185	4.56	27			
	2103	56/124	196	182	4.57	25			

Note any changes to the system

Date 1-13-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-13	0027	56/120	195	182	4.53	22°			
	351	56/122	194	180	4.58	20°			
	0715	56/128	381	356	4.52	19°			
	1028	56/130	372	348	4.52	16°			
	1340	56/127	365	341	4.49	17°			
	1652	56/126	188	173	4.50	18			
	2004	56/126	188	172	4.51	16			

Note any changes to the system

Date 1-14-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-14	2316	56/130	183	171	4.50	10°			
	228	56/130	184	172	4.48	10°			
	540	56/130	184	170	4.48	8°			
	852	56/133	183	170	4.47	6°			
	1204	56/127	186	173	4.47	10			
	1516	56/127	187	175	4.53	17			
	1828	56/130	186	174	4.54	15			
	2125	56/130	186	174	4.50	10			

Note any changes to the system

Date 1-15-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-15	0028	56/130	183	171	4.47	12°			
	328	56/130	184	173	4.48	10°			
	628	54/132	187	173	4.46	12°			
	928	56/135	189	174	4.58	18°			
	1228	54/128	193	180	4.59	27			
	1528	54/127	198	184	4.58	31			
	1828	54/127	200	186	4.59	25			
	2128	54/127	198	183	4.54	23			

Note any changes to the system

Date 1-16-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/16	0028	56/124	384	361	4.52	20°			
	0328	56/120	390	365	4.56	24°			
	0628	56/125	197	184	4.54	20°			
	0928	56/125	194	183	4.52	25°			
	1219	56/128	192	182	4.58	32°			
	1510	56/124	194	182	4.61	34			
	1801	56/125	195	182	4.59	27			
	2052	56/122	190	175	4.57	27			

Note any changes to the system

Date 1-17-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/17	2343	56/120	374	350	4.59	30°			
	0234	56/118	375	354	4.6	30°			
	0525	56/120	374	352	4.6	34°			
	0816	56/126	191	178	4.62	35°			
	1052	56/128	188	176	4.64	38°			
	1330	56/125	188	174	4.63	38°			
	1610	56/124	189	171	4.64	33			
	1850	56/119	188	174	4.62	33			
	2130	56/125	190	177	4.62	30			

Note any changes to the system

Date 1-18-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/18	0010	56/125	372	348	4.6	30°			
	0250	56/125	374	354	4.6	30°			
	0530	56/125	375	354	4.6	30°			
	0810	56/125	192	178	4.59	30°			
	1050	56/126	192	179	4.58	30°			
	1330	56/125	191	179	4.40	30°			
	1610	56/125	191	179	4.64	30			
	1850	56/125	194	181	4.58	28			
	2130	56/125	194	181	4.60	26			

Note any changes to the system

Date 1-19-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/19	0010	56/125	381	359	4.6	28°			
	0250	56/125	377	354	4.6	26°			
	0530	56/122	384	359	4.6	28°			
	0810	55/120	192	179	4.59	30°			
	1050	55/120	194	181	4.61	32°			
	1330	55/120	197	183	4.62	35°			
	1610	55/113	388	361	4.68	37°			
	1850	55/115	384	363	4.64	33°			
	2130	55/115	386	363	4.61	32°			

Note any changes to the system

800 Slowed Kiln Exhaust to 55 Hz. RS

Date 1-20-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/20	0010	55/118	384	359	4.6	30°			
	0250	55/118	375	352	4.6	26°			
	0530	55/118	370	347	4.6	26°			
	0810	55/123	186	174	4.60	24°			
	1050	55/120	189	175	4.62	22°			
	1330	55/120	188	175	4.59	20°			
	1610	55/118	368	345	4.63	25°			
	1850	55/118	368	345	4.56	23°			
	2130	55/120	368	345	4.58	22°			

Note any changes to the system

Date 1-21-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/21	0010	55/120	363	343	4.53	22°			
	0250	55/120	365	343	4.59	20°			
	0530	55/120	363	341	4.54	20°			
	0810	55/120	366	345	4.57	22°			
	1050	55/118	370	347	4.58	23°			
	1330	55/118	372	348	4.58	24°			
	1610	55/118	368	347	4.56	24°			
	1850	55/120	368	345	4.59	23°			
	2130	55/119	372	347	4.61	22°			

Note any changes to the system

Date 1-22-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/22	0010	55/120	374	352	4.57	22°			
	0250	55/118	375	352	4.58	22°			
	0530	55/118	377	356	4.6	22°			
	0810	55/118	381	357	4.56	22°			
	1050	55/118	377	354	4.56	22°			
	1330	55/118	381	359	4.56	23°			
	1610	55/117	381	357	4.57	23°			
	1850	55/115	383	359	4.56	21°			
	2130	55/115	374	352	4.55	20°			

Note any changes to the system

Date 1-23-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/23	0010	55/118	374	356	4.6	20°			
	0250	55/118	372	352	4.59	20°			
	0530	55/118	375	352	4.59	20°			
	0810	55/124	348	347	4.57	21°			
	1050	55/120	366	345	4.58	23°			
	1330	55/125	366	341	4.56	23°			
	1610	55/126	187	174	4.59	22			
	1850	55/120	187	173	4.55	20			
	2130	55/120	185	172	4.59	20			

Note any changes to the system

Date 1-24-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/24	0010	55/120	370	347	4.56	20°			
	0250	55/120	368	345	4.56	22°			
	0530	55/122	368	347	4.6	20°			
	0810	55/125	375	350	4.57	18°			
	1050	55/127	379	352	4.55	24°			
	1330	55/121	383	356	4.64	29°			
	1610	55/117	198	154	4.65	29			
	1850	55/121	197	184	4.60	24			
	2130	55/120	196	183	4.57	20			

Note any changes to the system

Date 1-25-83

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/25	0010	55/118	383	361	4.6	20°			
	0250	55/118	401	370	4.6	22°			
	0530	55/118	388	365	4.6	22°			
	0810	55/120	201	187	4.41	20°			
	1050	55/120	197	183	4.42	24°			
	1330	55/120	194	183	4.61	24°			
	1610	55/117	195	180	4.61	23			
	1850	55/117	195	182	4.61	23			
	2130	55/116	195	182	4.56	22			

Note any changes to the system

Date 1-24-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-24	000	55/120	192	179	4.40	22°			
	250	55/115	198	181	4.61	22°			
	530	55/115	192	180	4.58	20°			
	0810	55/115	393	363	4.58	20°			
	1050	55/122	388	359	4.59	23°			
	1320	55/118	393	365	4.42	23°			
	1610	55/119	201	185	4.59	25			
	1850	55/118	204	187	4.58	23			
	2130	55/115	202	185	4.58	23			

Note any changes to the system

Date 1-27-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-27	0010	55/115	201	184	4.61	18°			
	0250	55/112	201	184	4.60	18°			
	530	55/115	199	183	4.60	18°			
	0810	55/120	392	359	4.61	14°			
	1050	55/121	393	363	4.62	15°			
	1330	55/118	393	363	4.64	19°			
	1610	55/115	206	185	4.62	20			
	1850	55/117	203	185	4.58	20			
	2130	55/115	204	186	4.62	25			

Note any changes to the system

Date 1-28-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-28	0010	55/115	203	185	4.60	26°			
	250	55/115	200	182	4.62	24°			
	530	55/116	192	178	4.60	20°			
	810	55/120	199	181	4.58	18°			
	1050	55/120	200	184	4.62	20			
	1330	55/120	202	185	4.60	24			
	1610	55/120	204	185	4.66	22			
	1850	55/117	201	186	4.60	20			
	2130	55/117	199	184	4.61	17			

Note any changes to the system

Date 1-29-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1-29	0010	55/115	196	182	4.59	16°			
	250	55/118	198	184	4.63	16°			
	530	55/115	Screen	Not	working				
	810	55/110	"	"	"	"			
	1050	55/115	202	185	4.59	18			
	1330	55/120	198	183	4.63	15			
	1610	55/120	196	183	4.57	17			
	1850	55/120	194	182	4.62	15			
	2130	55/120	196	182	4.58	15			

Note any changes to the system

REBOOTED THE PANEL SCREEN

Date 1-30-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/30	0010	55/117	383	361	4.6	14°			
	0250	55/117	383	357	4.6	12°			
	0530	55/119	386	361	4.56	12°			
	0810	55/122	194	182	4.60	10°			
	1050	55/120	199	183	4.60	12°			
	1330	55/120	201	183	4.57	14°			
	1610	55/120	199	181	4.50	12			
	1850	55/122	201	184	4.52	6			
	2130	55/122	197	180	4.56	-1			

Note any changes to the system

Date 1-31-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/31	0010	55/120	388	356	4.55	-4°			
	0250	55/122	384	354	4.55	-6°			
	0530	55/124	384	354	4.52	-4°			
	0810	53/125	197	180	4.52	-10°			
	1050	53/122	200	184	4.51	0°			
	1330	55/120	200	181	4.53	8°			
	1610	55/123	193	176	4.56	7			
	1850	55/118	200	183	4.56	6			
	2130	55/120	193	176	4.54	4			

Note any changes to the system

Date 2-1-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/1	0010	55/120	388	359	4.53	-2°			
	0250	55/118	395	361	4.53	0°			
	0530	55/120	392	361	4.54	-2°			
	0810	55/120	203	185	4.53	-2°			
	1050	55/120	205	187	4.58	10°			
	1330	55/118	210	192	4.61	18°			
	1610	55/120	203	189	4.62	17			
	1850	55/120	200	186	4.58	15			
	2130	55/120	202	188	4.57	10			

Note any changes to the system

Date 2-2-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/2	0010	55/117	388	361	4.6	12°			
	0250	55/115	392	366	4.57	12°			
	0530	55/117	388	363	4.57	10°			
	0810	55/120	201	184	4.58	10°			
	1050	55/120	200	184	4.60	18°			
	1330	55/120	195	182	4.60	22°			
	1610	55/115	390	365	4.62	23°			
	1850	55/115	386	363	4.61	14°			
	2130	55/118	381	354	4.59	7°			

Note any changes to the system

Date 2-3-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/3	0010	55/117	388	361	4.55	2°			
	0230	55/117	380	355	4.53	0°			
	0530	55/120	386	361	4.53	-6°			
	0810	55/125	196	181	4.53	-8°			
	1050	55/125	195	179	4.55	-2°			
	1330	55/120	194	179	4.56	2°			
	1610	55/120	384	357	4.53	1°			
	1850	55/122	379	356	4.54	-1°			
	2130	55/122	370	347	4.52	-9°			

Note any changes to the system

Date 2-4-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/4	0010	55/118	375	352	4.51	-6°			
	0250	55/116	381	356	4.56	-2°			
	0530	55/118	383	356	4.6	1°			
	0810	55/120	381	356	4.6	4°			
	1050	55/119	381	354	4.62	10°			
	1330	55/118	383	352	4.58	17°			
	1610	55/116	383	359	4.60	23°			
	1850	55/117	384	359	4.62	22°			
	2130	55/117	388	361	4.60	23°			

Note any changes to the system

Date 2-5-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/5	0010	55/115	390	365	4.6	26°			
	0250	55/115	388	363	4.6	30°			
	0530	55/115	392	366	4.67	30°			
	0810	55/115	392	366	4.67	30°			
	1050	55/120	201	187	4.68	32			
	1330	55/117	202	187	4.67	38			
	1610	55/117	203	189	4.63	33			
	1850	55/117	203	185	4.63	25			
	2130	55/119	207	187	4.67	24			

Note any changes to the system

Date 2-6-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/6	0010	55/115	402	374	4.6	22°			
	0250	55/115	402	374	4.6	20°			
	0530	55/117	404	374	4.6	18°			
	0810	55/120	200	189	4.6	16°			
	1050	55/120	206	190	4.6	18°			
	1330	55/118	201	188	4.6	22°			
	1610	55/121	200	187	4.6	28			
	1850	55/120	195	186	4.60	23			
	2130	55/122	192	183	4.58	20			

Note any changes to the system

Date 2-7-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/7	0010	55/116	383	356	4.6	24°			
	0250	55/115	383	357	4.6	24°			
	0530	55/115	381	356	4.6	28°			
	0810	55/118	192	180	4.6	30°			
	1050	55/116	199	190	4.6	38°			
	1330	55/119	199	185	4.6	32°			
	1610	55/117	195	183	4.61	31			
	1850	55/116	194	183	4.65	30			
	2130	55/119	195	189	4.61	30			

Note any changes to the system

Date 2-8-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/8	0010	55/120	386	363	4.61	28°			
	0250	55/117	384	363	4.62	26°			
	0530	55/118	386	361	4.6	24°			
	0810	55/120	198	185	4.41	22°			
	1050	55/122	200	184	4.40	30°			
	1330	55/120	200	184	4.61	36°			
	1610	55/119	201	188	4.65	38			
	1852	55/117	202	189	4.48	30			
	2130	55/117	195	186	4.63	32			

Note any changes to the system

Date 2-9-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-9	0010	55/118	198	185	4.45	30°			
	0230	55/120	198	185	4.60	30°			
	530	55/120	199	186	4.60	30°			
	0810	55/122	392	365	4.6	26°			
	1050	54/110	395	366	4.6	28°			
	1330	54/112	397	363	4.63	32°			
	1610	54/110	202	187	4.66	35			
	1850	54/110	195	183	4.73	36			
	2150	54/110	195	184	4.68	32			

Note any changes to the system

0335 SLOWED KILN EXHAUST TO 54 HZ. BS

Date 2-10-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-10	0010	54/110	197	182	4.62	26°			
	250	54/110	197	183	[illegible]	26°			
	530	54/110	196	181	4.65	26°			
	810	54/115	196	183	4.6	26°			
	1050	54/115	395	361	4.6	27°			
	1330	54/115	199	185	4.6	27°			
	1610	54/112	197	182	4.62	26			
	1850	54/115	195	181	4.63	29			
	2130	54/115	198	183	4.60	26			

Note any changes to the system

Date 2-11-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-11	0010	54/112	193	180	4.60	18°			
	250	54/114	194	181	4.57	18°			
	530	54/110	194	181	4.52	15°			
	810	54/112	195	182	4.57	16°			
	1050	54/115	197	[illegible]	4.60	24			
	1330	54/114	199	185	4.65	43			
	1610	54/114	197	185	4.69	[illegible]			
	1850	54/115	195	182	4.68	34			
	[illegible]	54/113	207	[illegible]	4.69	31			

Note any changes to the system

Date 2-12-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-12	0010	54/110	203	191	4.65	28°			
	250	54/110	204	187	4.60	26°			
	530	54/110	197	182	4.60	25°			
	810	54/110	197	180	4.60	25°			
	1050	54/113	200	184	4.63	32			
	1330	54/113	204	184	4.69	55			
	1610	54/110	203	186	4.71	44			
	1850	54/110	203	187	4.71	34			
	2130	54/110	203	186	4.64	30			

Note any changes to the system

Date 2-13-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/13	0010	54/110	392	363	4.6	30°			
	0250	54/110	393	365	4.64	31°			
	0530	54/112	391	363	4.62	28°			
	0810	54/110	201	185	4.64	30°			
	1050	54/115	201	184	4.69	36°			
	1330	54/112	205	184	4.65	45°			
	1610	54/110	205	188	4.64	34			
	1850	54/112	195	183	4.64	34			
	2130	54/115	197	182	4.62	27			

Note any changes to the system

Date 2-14-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/14	0010	54/113	386	357	4.6	24°			
	0250	54/113	384	354	4.57	24°			
	0530	54/112	384	354	4.6	22°			
	0810	54/115	200	182	4.58	28°			
	1050	54/115	197	180	4.59	36°			
	1330	54/115	201	184	4.66	48°			
	1610	54/110	203	187	4.66	48	+.025		
	1850	54/114	202	186	4.62	44	+.01		
	2130	54/112	201	185	4.64	40	+.02		

Note any changes to the system

Date 2-15-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
02/15	0010	54/111	392	361	4.64	42°			
	0250	54/110	397	365	4.63	44°			
	0530	54/110	395	365	4.64	46°			
	0810	54/112	205	188	4.65	45°			
	1050	54/110	198	182	4.63	45°			
	1330	54/110	200	188	4.68	44°			
	1610	54/116	200	184	4.62	39	+.02		
	1850	54/112	195	181	4.66	35	+.02		
	2130	54/112	197	183	4.62	32	+.025		

Note any changes to the system

Date 2-16-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/16	0010	54/112	386	361	4.65	32°			
	0250	54/110	397	368	4.67	30°			
	0530	54/112	401	372	4.63	26°			
	0810	54/114	202	185	4.60	24°			
	1050	54/115	203	184	4.60	24°			
	1330	54/115	200	182	4.42	22°			
	1610	54/108	390	357	4.57	18°			
	1850	54/111	379	358	4.60	17°			
	2130	54/108	384	354	4.57	16°			

Note any changes to the system

Date 2-17-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/17	0010	54/110	384	354	4.56	14°			
	0250	54/110	386	356	4.6	12°			
	0530	54/112	383	352	4.56	8°			
	0810	54/112	197	179	4.55	8°			
	1050	54/110	194	178	4.54	8°			
	1330	54/110	190	174	4.54	10°			
	1610	54/112	383	354	4.59	14°			
	1850	54/113	368	341	4.58	13°			
	2130	54/111	379	350	4.56	11°			

Note any changes to the system

Date 2-18-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/18	0010	54 / 112	384	350	4.55	10°			
	0250	54/112	383	352	4.56	10°			
	0530	54/111	388	356	4.58	12°			
	0810	54/114	383	348	4.6	16°			
	1050	54/112	384	352	4.63	25°			
	1330	54/111	388	356	4.67	32°			
	1610	54/111	390	361	4.67	36°			
	1850	54/111	388	359	4.65	29°			
	2130	54/112	399	365	4.64				

Note any changes to the system

Date 2-19-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date 2/19	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
	0010	54/110	393	363	4.64	30°			
	0230	54/110	395	363	4.65	28°			
	0530	54/110	390	359	4.63	28°			
	0810	54/110	392	361	4.65	28°			
	1050	54/110	392	359	4.68	36°			
	1330	54/110	392	359	4.73	41°			
	1610	54/109	397	366	4.74	45°			
	1850	54/111	390	363	4.72	37°			
	2130	54/110	390	359	4.73	35°			

Note any changes to the system

Date 2-20-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/20	0010	54/108	395	305	4.68	34°			
	0250	54/110	397	366	4.65	30°			
	0530	54/110	395	366	4.67	24°			
	0810	54/111	388	357	4.63	20°			
	1080	54/112	395	343	4.57	27°			
	1330	54/113	390	341	4.63	32°			
	1610	54/110	201	185	4.61	34	+.01		
	1850	54/112	197	181	4.62	29	+.04		
	2130	54/110	199	182	4.61	27	+.03		

Note any changes to the system

Date 2-21-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/21	0010	54/110	386	357	4.6	28°			
	0250	54/110	384	354	4.64	26°			
	0530	54/110	392	357	4.6	30°			
	0810	54/114	384	352	4.60	27°			
	1050	54/112	386	352	4.62	23°			
	1330	54/113	384	352	4.59	22°	~~[illegible]~~		
	1610	54/110	203	184	4.60	22	+.03		
	1850	54/112	202	183	4.85	22	+.03		
	2130	54/113	202	184	4.61	22	+.03		

Note any changes to the system

Date 2-22-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/22	0010	54/110	392	359	4.6	20°			
	0250	54/108	392	361	4.6	18°			
	0530	54/110	395	363	4.6	18°			
	0810	54/110	202	185	4.59	20°			
	1330	54/115	199	183	4.99	22°			
	1610	54/110	197	181	5.20	24	+.03		
	1850	54/110	199	181	5.17	22	+.03		
	2130	54/110	198	181	5.19	18	+.03		

Note any changes to the system

Date 2-23-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-23	0010	54/110	200	178	5.13	16°			
	250	54/110	195	177	4.88	18°			
	530	54/108	196	180	4.81	18°			
	0810	54/115	384	354	4.82	17°			
	1050	54/113	392	359	4.80	23°			
	1330	54/100	390	356	4.86	27°			
	1610	54/109	200	183	4.84	29	[illegible]		
	1850	54/110	200	182	4.87	28	+.03		
	2130	54/[illegible]2	199	182	4.83	25			

Note any changes to the system

Date 2-24-03

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-24	0010	54 / 110	203	184	4.81	20°			
	0250	54 / 110	202	184	4.83	14°			
	530	54 / 110	201	183	4.73	12°			
	0810	54 / 112	397	365	4.78	11°			
	1050	54 / 113	397	363	4.77	13°			
	1330	54 / 112	399	365	4.78	17°			
	1610	54 / 113	204	186	4.80	16			
	1850	54 / 111	207	189	4.77	15			
	2130	54 / 110	201	183	4.77	14			

Note any changes to the system

Date 2-25-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-25	0010	54/110	203	185	4.73	15°			
	250	54/109	202	184	4.79	15°			
	530	54/105	201	183	4.76	15°			
	810	54/104	202	184	4.79	15°			
	1050	54/110	204	184	4.80	20			
	1330	54/110	203	185	4.81	26			
	1610	54/107	202	184	4.84	26			
	1850	54/107	204	186	4.77	24			
	2130	54/107	203	185	4.84	22			

Note any changes to the system

Date 2-26-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-26	0010	54/105	204	185	4.79	24°			
	250	54/110	200	179	4.81	22°			
	530	54/110	199	179	4.77	24°			
	810	54/110	200	181	4.80	24°			
	1050	54/110	202	183	4.79	26			
	1330	54/111	202	183	4.80	32			
	1610	54/110	204	185	4.78	34			
	1850	54/110	206	186	4.75	30			
	2130	54/107	204	185	4.75	22			

Note any changes to the system

Date 2-27-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/27	0010	54/108	395	361	4.7	18°			
	0250	54/108	385	361	4.7	16°			
	0530	54/108	393	359	4.7	20°			
	810	54/110	197	181	4.73	24°			
	1043	54/110	199	181	4.73	24°			
	1316	54/110	198	179	4.75	26°			
	1549	54/110	200	180	4.76	26			
	1822	54/107	202	183	4.75	26			
	2055	54/105	204	183	4.74	24			

Note any changes to the system

Date 2-28-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/28	2328	54/105	347	361	4.76	24°			
	0201	54/107	347	361	4.71	24°			
	0434	54/110	397	357	4.76	24°			
	0707	54/110	204	185	4.74	24°			
	940	54/110	202	182	4.70	26°			
	1213	54/110	204	183	4.73	26°			
	1446	54/112	204	184	4.73	32			
	1719	54/110	203	184	4.71	35			
	1952	54/111	196	177	4.68	25			

Note any changes to the system

Date 3-1-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/1	2225	54/110	392	357	4.7	26°			
	0058	54/108	395	365	4.7	24°			
	0331	54/108	395	363	4.7	26°			
	0604	54/105	203	184	4.47	30°			
	837	54/110	204	184	4.71	30°			
	1110	54/110	201	185	4.75	30°			
	1343	54/110	201	184	4.74	36°			
	1616	54/107	208	189	4.74	41			
	1849	54/110	200	183	4.76	33			
	2122	54/104	209	182	4.66	26			

Note any changes to the system

Date 3-2-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/2	2355	54/105	393	357	4.64	26°			
	0228	54/105	395	357	4.7	24°			
	0501	54/108	393	361	4.68	26°			
	0734	54/110	200	182	4.65	25°			
	1007	54/110	201	183	4.69	26°			
	1240	54/110	200	182	4.70	28°			
	1513	54/108	399	363	4.68	30°			
	1746	54/108	395	365	4.70	28°			
	2019	54/110	393	357	4.70	26°			

Note any changes to the system

Date 3-3-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/3	2252	54/108	395	361	4.62	24°			
	0125	54/106	399	359	4.69	22°			
	0358	54/110	392	357	4.68	22°			
	0631	54/105	201	181	4.54	20°			
	904	54/110	199	182	4.47	24°			
	1137	54/110	199	182	4.44	26°			
	1410	54/107	395	363	4.45	27°			
	1643	54/106	392	359	4.67	24°			
	1916	54/109	386	352	4.66	23°			
	2149	54/107	395	361	4.72	22°			

Note any changes to the system

Date 3-4-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/4	0022	54/108	399	361	4.7	24°			
	0255	54/110	399	359	4.64	24°			
	0528	54/110	397	359	4.69	22°			
	0801	54/110	399	361	4.66	20°			
	1034	54/110	402	361	4.68	27°			
	1307	54/108	404	365	4.75	36°			
	1540	54/106	402	366	4.70	39°			
	1813	54/106	407	364	4.74	36°			
	2046	54/110	399	365	4.76	33°			

Note any changes to the system

Date 3-5-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/5	23A	54/110	404	368	4.68	32°			
	0152	54/108	401	370	4.7	30°			
	0425	54/108	399	365	4.72	30°			
	0658	54/110	402	366	4.69	30°			
	0931	54/110	393	363	4.66	28°			
	1204	54/112	392	356	4.70	35°			
	1437	54/111	401	368	4.76	43°			
	1710	54/110	399	368	4.74	48°			
	1943	54/111	397	365	4.49	31°			

Note any changes to the system

Date 3-6-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/6	2216	54/108	399	365	4.66	30°			
	0049	54/110	401	366	4.71	30°			
	0322	54/110	401	368	4.71	30°			
	0555	54/110	402	370	4.68	28°			
	0828	54/113	402	366	4.69	29°			
	1101	54/112	411	375	4.70	33°			
	1334	54/110	414	377	4.71	33°			
	1607	54/116	205	185	4.72	33			
	1840	54/110	204	184	4.71	29			
	2113	54/110	204	184	4.68	26			

Note any changes to the system

Date 3-7-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/7	2346	54/110	395	363	4.7	26°			
	0219	54/110	385	356	4.7	24°			
	0452	54/110	399	359	4.68	24°			
	0725	54/113	393	357	4.66	21°			
	0958	54/115	393	352	4.67	24°			
	1231	54/113	399	363	4.71	30°			
	1504	54/115	203	183	4.71	33			
	1737	54/110	207	187	4.71	32			
	2010	54/112	202	181	4.68	24			

Note any changes to the system

Date 3-8-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/8	2243	54/110	399	361	4.65	20°			
	0116	54/110	402	366	4.66	20°			
	0349	54/110	404	368	4.69	20°			
	0622	54/118	199	179	4.47	16°			
	855	54/116	199	179	4.45	[illegible]°			
	1128	54/112	203	181	4.44	30°			
	1401	54/112	202	184	4.68	34			
	1634	54/110	207	187	4.70	33			
	1907	54/110	205	184	4.67	27			
	2140	54/110	203	182	4.64	24			

Note any changes to the system

Date 3-9-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-9	0013	54/110	202	182	4.68	20°			
	246	54/110	203	183	4.64	20°			
	519	54/110	201	183	4.64	20°			
	0752	54/116	397	359	4.66	21°			
	1025	54/117	395	361	4.65	27°			
	1258	54/115	408	366	4.70	37°			
	1531	54/113	205	186	4.70	37			
	1804	54/110	204	184	4.68	32			
	2037	54/110	205	185	4.68	26			

Note any changes to the system

Date 3·10·03

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-10	2312	54/110	200	180	4.69	22°			
	145	54/105	205	184	4.68	22°			
	418	54/106	202	183	4.64	20°			
	0651	54/113	395	357	4.66	21°			
	0924	54/113	399	359	4.66	24°			
	1157	54/113	397	361	4.48	26°			
	1428	54/110	205	185	4.69	25			
	1701	54/108	205	184	4.67	25			
	1934	54/110	203	182	4.64	25			

Note any changes to the system

Date 3-11-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-11	2209	54/110	208	185	4.64	24°			
	0040	54/105	204	183	4.69	22°			
	313	54/108	204	182	4.43	20°			
	544	54/110	207	185	4.67	20°			
	819	54/110	202	182	4.65	22°			
	1052	54/111	207	185	4.66	23			
	1325	54/112	204	186	4.67	32			
	1558	54/110	207	187	4.70	28			
	1831	54/110	204	183	4.66	25			
	2104	54/110	204	184	4.64	22			

Note any changes to the system

Date 3-12-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-12	0237	54/108	202	181	4.68	20°			
	310	54/110	202	181	4.67	20°			
	543	54/108	201	180	4.64	20°			
	816	54/108	201	180	4.64	20°			
	1049	54/113	202	182	4.65	20			
	1322	54/110	201	181	4.68	22			
	1555	54/110	203	182	4.69	24			
	1828	54/112	201	181	4.66	24			
	2101	54/110	203	183	4.65	22			

Note any changes to the system

Date 3-13-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/13	2334	54/110	399	363	4.62	20°			
	0207	54/110	399	359	4.62	20°			
	0440	54/112	390	352	4.64	18°			
	0713	54/115	200	177	4.70	18°			
	946	54/115	199	175	4.68	18°			
	1219	54/115	200	178	4.63	22°			
	1452	54/113	203	181	4.66	23			
	1725	54/110	205	182	4.67	22			
	1958	54/110	201	181	4.67	20			

Note any changes to the system

Date 3-14-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/14	2231	54/112	382	352	4.66	16°			
	0104	54/110	386	348	4.66	14°			
	0337	54/110	388	350	4.66	12°			
	0610	54/110	198	175	4.65	10°			
	843	54/110	197	175	4.63	10°			
	1116	54/115	197	175	4.63	14°			
	1349	54/118	199	177	4.62	20°			
	1622	54/111	200	175	4.66	25			
	1855	54/110	196	177	4.69	27			
	2128	54/110	197	176	4.56	22			

Note any changes to the system

Date 3-15-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/15	0001	54/112	381	345	4.6	20°			
	0234	54/110	386	350	4.64	14°			
	0507	54/112	384	347	4.6	14°			
	0740	54/110	202	178	4.41	12°			
	1013	54/115	195	174	4.41	12°			
	1246	54/112	199	179	4.66	18°			
	1519	54/114	201	188	4.69	38			
	1752	54/113	20	18	4.71	38			
	2025	54/112	197	178	4.71	35			

Note any changes to the system

Date 3-16-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/16	2258	54/110	388	352	4.68	32'			
	0131	54/110	383	348	4.65	30'			
	0404	54/110	390	352	4.62	26'			
	0677	54/115	196	176	4.68	25°			
	910	54/110	199	178	4.65	30°			
	1143	54/114	197	178	4.72	40°			
	1416	54/113	393	356	4.72	47°			
	1649	54/108	392	356	4.73	47°			
	1922	54/110	392	356	4.69	39°			
	2155	54/110	390	356	4.70	40°			

Note any changes to the system

Date 3-17-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/17	0028	54/110	386	350	4.68	40°			
	0301	54/108	390	354	4.7	40°			
	0534	54/114	393	356	4.71	42°			
	0801	54/110	200	178	4.72	40°			
	[illegible]	54/110	200	177	4.62	30°			
	14[illegible]	54/108	388	347	4.66	25°			
	1654	54/112	386	347	4.42	25°			
	1948	54/110	384	345	4.45	24°			

Note any changes to the system

Date 3-18-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/18	2242	54/110	386	347	4.64	24°			
	0136	54/110	383	343	4.66	20°			
	0430	54/110	383	343	4.63	18°			
	0724	54/112	381	341	4.65	14°			
	1018	54/112	372	334	4.60	11°			
	1312	54/111	377	336	4.65	12°			
	1606	54/112	379	338	4.64	17°			
	1900	54/111	379	339	4.63	14°			
	2154	54/110	381	339	4.66				

Note any changes to the system

Date 3-19-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/19	0048	54/110	386	343	4.62	10°			
	0342	54/112	375	341	4.66	10°			
	0636	54/110	384	345	4.62	12°			
	0930	54/112	379	345	4.62	14°			
	1224	54/111	388	343	4.65	22°			
	1518	54/110	388	348	4.72	28°			
	1812	54/110	384	347	4.71	29°			
	2106	54/112	384	345	4.65	23°			

Note any changes to the system

Date 3-20-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/20	0000	54/112	384	345	4.68	24°			
	0254	54/110	388	347	4.66	24°			
	0548	54/114	379	343	4.65	20°			
	0824	54/115	374	338	4.48	23°			
	1054	54/116	377	341	4.43	28°			
	1327	54/114	390	352	4.43	35°			
	1600	54/116	199	178	4.71	43			
	1833	54/111	199	179	4.70	44			
	2106	54/110	198	179	4.73	37			

Note any changes to the system

Date 3-21-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/21	2339	54/110	392	359	4.7	34°			
	0212	54/110	395	357	4.7	36°			
	0445	54/112	395	357	4.71	34°			
	0718	54/115	392	357	4.67	24°			
	0951	54/116	393	357	4.64	30°			
	1224	54/113	397	361	4.68	41°			
	1457	54/111	215	191	4.71	50			
	1730	54/110	209	188	4.73	50			
	2003	54/110	198	179	4.74	45			

Note any changes to the system

Date 3-22-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/22	2236	54/110	390	357	4.7	34°			
	0109	54/110	392	356	4.65	32°			
	0342	54/112	388	354	4.67	36°			
	0615	54/115	196	178	4.72	35°			
	848	54/117	201	182	4.71	38°			
	1121	54/115	201	181	4.75	40°			
	1354	54/115	206	184	4.73	40°			
	1627	54/110	207	186	4.75	44			
	1900	54/110	207	186	4.73	44			
	2133	54/110	208	188	4.72	42			

Note any changes to the system

Date 3-28-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-23	0006	54/106	205	185	4.76	40°			
	239	54/105	202	183	4.73	40°			
	512	54/105	208	188	4.79	40°			
	0745	54/112	401	359	4.72	37°			
	1018	54/113	393	356	4.70	37°			
	1251	54/112	401	363	4.71	37°			
	1524	54/110	203	183	4.67	42			
	1757	54/111	201	181	4.69	38			
	2030	54/112	198	179	4.69				

Note any changes to the system

Date 3-24-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-24	2303	54/105	198	178	4.66	30°			
	136	54/108	199	178	4.68	30°			
	409	54/110	199	178	4.65	26°			
	0642	54/115	386	348	4.43	23°			
	0915	54/117	388	348	4.45	24°			
	1148	54/116	384	348	4.66	29°			
	1421	54/112	198	180	4.70	35			
	1654	54/107	200	181	4.70	38			
	1927	54/105	197	178	4.71	35			

Note any changes to the system

Date 8-25-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-25	2200	54/105	194	178	4.68	30°			
	0033	54/108	197	177	4.69	28°			
	304	54/110	194	175	4.60	24°			
	539	54/112	193	174	4.49	24°			
	812	54/110	193	174	4.45	25°			
	1045	54/111	195	175	4.64	30			
	1318	54/110	194	175	4.69	28			
	1551	54/110	198	177	4.68	32			
	1824	54/110	198	177	4.66	26			
	2057	54/110	197	176	4.67	25			

Note any changes to the system

Date 5-26-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-26	2330	54/110	198	177	4.65	28°			
	203	54/110	197	176	4.60	28°			
	434	54/105	195	176	4.67	24°			
	709	54/106	197	176	4.71	25°			
	942	54/105	194	174	4.47	28°			
	1215	54/114	192	176	4.72	37			
	1448	54/112	192	178	4.74	48			
	1721	54/110	194	180	4.76	45			
	1954	54/110	192	179	4.77	38			

Note any changes to the system

Date 3-27-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/27	2227	54/108	377	350	4.73	34°			
	0100	54/108	377	348	4.74	34°			
	0333	54/110	381	354	4.72	30°			
	0606	54/112	192	175	4.70	28°			
	839	54/115	194	174	4.66	28°			
	1112	54/118	195	176	4.68	30°			
	1345	54/115	194	178	4.70	38°			
	1618	54/114	195	180	4.74	45			
	1851	54/114	195	179	4.74	42			
	2124	54/110	191	177	4.70	35			

Note any changes to the system

Date 3-28-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/28	2357	54/112	370	345	4.66	30°			
	0230	54/112	372	343	4.7	24°			
	0503	54/112	374	343	4.67	22°			
	0736	54/115	188	171	4.43	20°			
	1009	54/115	187	174	4.64	30°			
	1242	54/110	190	175	4.67	36°			
	1515	54/112	192	177	4.69	41			
	1748	54/112	194	179	4.69	42			
	2021	54/111	191	177	4.79	35			

Note any changes to the system

Date 3-29-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/29	2254	54/110	374	347	4.7	32°			
	0127	54/112	374	345	4.68	28°			
	0400	54/112	375	345	4.7	28°			
	0633	54/115	189	174	4.66	30°			
	906	54/116	185	170	4.69	30°			
	1139	54/115	190	174	4.70	30°			
	1412	54/115	183	170	4.67	25			
	1645	54/115	189	174	4.67	25			
	1918	54/115	187	171	4.64	26			
	2151	54/115	191	174	4.62	21			

Note any changes to the system

Date 3-30-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/30	0024	54/114	372	343	4.66	18°			
	0257	54/114	368	339	4.63	14°			
	0530	54/115	365	339	4.64	14°			
	0803	54/115	190	170	4.64	15°			
	1036	54/120	187	172	4.47	20°			
	1209	54/120	185	171	4.66	30°			
	1542	54/118	370	345	4.70	41°			
	1815	54/114	370	345	4.73	40°			
	2048	54/113	372	347	4.72	38°			

Note any changes to the system

Date 3-31-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/31	2321	54/112	372	345	4.7	34°			
	0154	54/112	372	348	4.7	34°			
	0427	54/112	372	347	4.72	34°			
	0700	54/115	183	149	4.70	34°			
	938	54/114	188	171	4.73	35°			
	1226	54/115	188	172	4.71	36°			
	1514	54/112	377	350	4.78	47°			
	1802	54/111	374	348	4.78	47°			
	2050	54/110	381	354	4.77	48°			

Note any changes to the system

Date 4-1-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/1	2358	54/108	377	345	4.77	50°			
	0226	54/108	374	343	4.8	50°			
	0514	54/110	366	339	4.74	46°			
	0802	54/110	368	334	4.72	40°			
	1050	54/108	350	325	4.72	32°			
	1338	54/111	348	323	4.72	35°			
	1626	54/111	343	320	4.71	33°			
	1914	54/110	343	318	4.67	24°			

Note any changes to the system

Date 4-2-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/2	2202	54/112	352	325	4.66	25°			
	0050	54/112	348	321	4.66	24°			
	0338	54/112	341	318	4.68	20°			
	0626	54/115	339	316	4.66	18°			
	0914	54/115	347	318	4.66	22°			
	1202	54/112	341	316	4.71	31°			
	1450	54/110	343	320	4.78	43°			
	1738	54/110	347	321	4.76	42°			
	2026	54/114	347	321	4.77	39°			

Note any changes to the system

Date 4-3-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/3	2314	54/114	345	318	4.73	36°			
	0202	54/114	347	320	4.70	34°			
	0450	54/115	348	318	4.74	36°			
	0738	55/124	347	321	4.72	37°			
	1026	55/126	343	320	4.76	44°			
	1314	55/122	352	325	4.76	53°			
	1602	55/120	177	165	4.74	53			
	1850	55/122	173	161	4.72	41			
	2138	55/115	175	161	4.72	38			

Note any changes to the system

0015 INC. EXHAUST TO 55 HZ. RS

Date 4-4-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/4	0026	55/120	348	321	4.74	38°			
	0314	55/122	345	318	4.73	36°			
	0603	55/125	345	318	4.7	36°			
	0850	55/127	338	312	4.71	38°			
	1138	55/128	341	318	4.74	40°			
	1426	55/125	174	169	4.72	47			
	1714	55/120	175	162	4.75	45			
	2002	55/123	172	159	4.71	42			

Note any changes to the system

Date 4-5-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/5	2250	55/124	339	318	4.72	42°			
	0138	55/124	341	320	4.76	48°			
	0424	55/120	341	320	4.75	50°			
	0714	55/120	173	160	4.73	52°			
	1002	55/125	178	164	4.70	58°			
	1250	55/125	175	159	4.74	52°			
	1538	55/122	177	163	4.71	63			
20 25	~~1836~~	55/117	Screen is out						
	~~2114~~								

Note any changes to the system

Date 4-6-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-6	2313	55/120	Screen	isn't	working				
	201	55/120	"	"	"	"			
	449	55/125	"	"	"	"			
	0737	55/127	"	"	"	29°			
	1025	55/128	"	"	"	32°			
	1313	55/124	"	"	"	39°			
	1601	55/127	"	"	"	44			
	1849	55/120	"	"	"	43			
	2137	55/123	"	"	"	35			

Note any changes to the system

Date 4-7-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-7	0025	55/125	screen isn't working						
	313	55/130	"	"	"	"			
	601	55/126	"	"	"	"			
	0849	55/126	"	"	"	23°			
	1137	55/127	"	"	"	32°			
	1225	55/124				39			
	1713	55/121				38			
	2001	55/117				38			

Note any changes to the system

Date 4-8-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-8-23	2249	55/125	Screen	isn't	working	30°			
	137	55/120	"	"	"	30°			
	425	55/122	"	"	"	30°			
	713	55/125	"	"	"	28°			
	1001	55/124				25			
	1249	55/122				45			
	1537	55/117				52			
	1825	55/120				49			
	2113	55/120				43			

Note any changes to the system

Date 4-9-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-9	0001	55/115	Screen isn't working						
	249	55/115	"	"	"				
	537	55/120	"	"	"				
	825	55/125	"	"	"				
	1113	55/123				44			
	1401	55/118				57			
	1649	55/115				59			
	1937	55/115				58			

Note any changes to the system

Date 4-10-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/10	2225	55/122	Screen	is Broke	—	50°			
	0113	55/122	"	"	"	44°			
	0401	55/122	"	"	"	40°			
	0649	55/125	"	"	"	40°			
	937	55/125	"	"	"	48°			
	1225								
	1513	55/122	screen	is Out		64			
	1801	55/120				65			
	2049	55/120				54			

Note any changes to the system

Date 4-11-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/11	2331	55/122	screen is out			50°			
	0225	55/120	"	"	"	48°			
	0513	55/120	"	"	"	46°			
	0801	55/125	"	"	"	48°			
	1049	55/125	"	"	"	58°			
	1337	55/110	"	"	"	66°			
	1625	55/120				68			
	1913	55/113				65			

Note any changes to the system

Date 4-12-23

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/12	2301	55/120	SCREEN OUT			56°			
	0049	55/120	"	"	"	56°			
	0357	55/120	"	"	"	56°			
	0677	55/118	"	"	"	56°			
	913	55/125	"	"	"	65°			
	1201	55/120				65°			
			KILN		OFF				

Note any changes to the system

Date 1-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/1	0024	52/75	410	384	5.59	26°	7.0	55.02	55
	0300	52/69	395	378	5.22	25°	7.0	55.02	55
	0536	52/70	396	380	5.24	24°	7.0	55.5	55
	0812	52/70	397	378	5.25	23°	7.0	54.7	55
	1048	52/70	401	383	5.22	22	7.0	53.8	55
	1324	52/70	402	383	5.22	20	7.0	54.1	55
	1600	52/70	409	386	5.19	19	7.0	54.7	55
	1836	52/70	407	384	5.39	15	7.0	52.7	55
	2112	52/70	400	380	5.27	10	7.0	53.1	55

Note any changes to the system

Date 1-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/2	2348	52/70	404	376	5.30	9°	7.0	55.2	55
	0224	52/70	403	380	5.22	9°	7.0	55.02	55
	0508	52/70	461	380	5.25	7°	7.0	56.3	55
	0836	52/70	401	376	5.30	7°	7.0	56.3	55
	1012	52/75	397	375	5.19	8	7.0	55.9	55
	1248	52/72	403	380	5.30	10	7.0	54.7	55
	1524	52/72	409	385	5.30	10	7.0	53.9	55
	1800	52/74	407	381	5.35	4	7.0	54.2	55
	2036	52/74	405	383	5.22	-5	7.0	53.2	55

Note any changes to the system

Date 1-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/3	2312	52/72	402	378	5.3	14°	7.0	54.2	55
	0148	52/72	407	386	5.2	12°	7.0	53.1	55
	0424	52/73	413	389	5.2	12°	7.0	57.8	55
	0700	52/73	394	372	5.28	-6°	7.0	58.2	55
	0936	52/74	398	377	5.20	3°	7.0	58.7	55
	1212	52/71	405	380	5.41	13°	7.0	59.5	55
	1448	52/70	411	383	5.32	17	7.0	55.7	55
	1724	52/71	396	377	5.30	17	7.0	58.9	55
	2000	52/70	401	380	5.23	12	6.7	53.1	55

Note any changes to the system

Slowed lime to 6.7

Date 1-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/4	2236	52/74	399	373	5.3	12°	6.7	53.9	55
	0112	52/72	403	382	5.3	10°	6.7	53.4	55
	0348	52/72	402	381	5.2	10°	6.7	52.3	55
	0624	52/73	400	380	5.22	11°	6.7	52.6	55
	0850	52/73	407	380	5.31	13°	6.7	53.9	55
	1117	52/72	407	383	5.30	19°	6.7	54.4	55
	1344	52/72	407	381	5.32	25°	6.7	51.05	55
	1611	52/70	414	388	5.37	25	6.8	55.02	55
	1838	52/69	406	383	5.29	23	6.8	54.7	55
	2105	52/69	404	384	5.25	24	6.8	54.0	55

Note any changes to the system

Inc lime to 6.8

Date 1-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/5	2332	52/73	415	390	5.2	26°	6.8	52.3	55
	0159	52/73	401	381	5.2	24°	6.8	53.1	55
	0426	53/72	412	387	5.2	24°	6.8	54.4	55
	0653	52/70	405	381	5.24	26°	6.8	53.8	55
	920	52/70	406	380	5.37	26°	6.8	52.4	55
	1147	52/70	408	380	5.20	28°	6.8	53.0	55
	1314	52/71	397	374	5.26	16	6.8	52.7	55
	1641	52/70	397	376	5.19	13	6.8	53.4	55
	1908	52/70	394	370	5.30	8	6.8	54.2	55
	2135	52/70	397	371	5.35	6	6.8	53.1	55

Note any changes to the system

Date 1-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/6	0002	52/73	351	367	5.2	16°	6.8	52.3	55
	0229	52/72	400	376	5.3	12°	6.8	51.5	55
	0456	52/70	408	381	5.3	8°	6.8	54.4	55
	0723	52/72	398	374	5.21	8°	6.8	54.7	55
	0958	52/73	397	377	5.11	10°	6.8	55.2	55
	1217	52/72	402	381	5.28	12°	6.8	55.02	55
	1444	52/70	410	381	5.36	12°	6.8	55.7	55
	1711	52/70	414	384	5.38	12°	6.8	54.9	55
	1938	52/72	403	383	5.26	8°	6.8	55.4	55

Note any changes to the system

Date 1-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/7	2205	52/70	415	386	5.4	16°	6.8	54.4	55
	0032	52/73	412	384	5.4	12°	6.8	53.1	55
	0259	52/74	405	383	5.3	8°	6.8	52.6	55
	0526	52/75	405	380	5.3	6°	6.8	53.9	55
	0753	52/74	403	376	5.40	-5	6.8	55.02	55
	1020	52/73	396	374	5.37	2°	6.8	55.2	55
	1247	52/74	401	376	5.38	10°	6.8	56.8	55
	1514	52/74	399	380	5.32	8°	6.8	55.5	55
	1741	52/74	394	380	5.34	6°	6.8	56.7	55
	2008	52/72	398	378	5.51	-6°	6.8	54.6	55

Note any changes to the system

Date 1-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/8	2235	52/72	397	371	5.4	-8	6.8	53.1	55
	0102	52/73	399	371	5.4	-10	6.8	53.7	55
	0329	52/75	395	374	5.3	-6	6.8	52.9	55
	0556	52/75	402	376	5.3	4°	6.8	52.6	55
	0823	52/74	403	379	5.4	4°	6.8	54.7	55
	1050	52/73	400	376	5.30	8°	6.8	54.2	55
	1317	52/75	413	384	5.36	22°	6.8	55.4	55
	1544	52/75	412	385	5.23	18°	6.8	56.1	55
	1811	52/74	409	380	5.37	18°	6.8	54.6	55
	2038	52/75	405	384	5.28	20°	6.8	53.2	55

Note any changes to the system

Date 1-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/9	2305	52/72	408	384	5.3	24°	6.8	52.6	55
	0132	52/72	416	389	5.3	24°	6.8	52.9	55
	0359	52/70	411	387	5.3	26°	6.8	51.6	55
	0626	52/72	417	388	5.3	26°	6.8	52.11	55
	0853	52/70	413	385	5.2	24°	6.8	51.8	55
	1120	52/70	413	384	5.33	26°	6.8	52.9	55
	1347	52/70	408	386	5.19	18°	6.8	54.4	55
	1614	50/74	405	384	5.25	10°	6.8	56.7	55
	1841	52/72	406	382	5.44	8°	6.8	56.2	55
	2108	52/70	403	380	5.35	4°	6.8	56.9	55

Note any changes to the system

Date 1-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/10	2335	52/73	405	379	5.4	4°	6.8	52.9	55
	0202	52/72	401	379	5.3	2°	6.8	51.6	55
	0429	52/72	405	379	5.4	2°	6.8	53.7	55
	0656	52/70	420	378	5.45	0°	6.8	54.6	55
	923	52/74	401	377	5.21	0°	6.8	55.4	55
	1150	52/70	406	381	5.40	2°	6.8	56.3	55
	1405	52/72	407	379	5.30	2	6.8	54.9	55
	1626	52/70	406	379	5.39	0	6.8	55.2	55
	1847	52/75	396	375	5.33	0	6.8	54.1	55
	2108	52/70	392	272	5.26	-2	6.8	59.9	55

Note any changes to the system

Date 1-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/11	2324	52/70	400	377	5.4	-4	6.8	52.3	55
	0150	52/72	396	317	5.3	-6	6.8	53.1	55
	0411	52/72	403	374	5.4	-6	6.8	55.5	55
	0632	52/70	394	368	5.38	-4°	6.8	56.2	55
	853	52/74	398	377	5.33	0°	6.8	55.6	55
	1114	53/75	395	371	5.45	6°	6.8	54.4	55
	1335	53/75	410	381	5.67	6°	6.8	55.8	55
	1556	53/75	409	383	5.50	14	6.8	54.7	55
	1817	53/73	397	376	5.44	14	6.8	53.9	55
	2038	53/76	400	380	5.42	17	6.8	55.2	55

Note any changes to the system

1115 Inc. draft. to 53 1/2.

Date 1-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
1/12	2259	53/72	404	383	5.4	20°	6.8	53.1	55
	0120	53/74	405	383	5.3	22°	6.8	53.7	55
	0341	53/75	413	387	5.4	24°	6.8	55.8	55
	0602	53/75	410	389	5.4	24°	6.8	55.2	55
	823	53/75	409	384	5.31	24°	6.8	57.2	55
	1044	53/75	404	385	5.36	24°	6.8	54.1	55
	1305	53/76	417	392	5.40	30°	6.8	55.4	55
	1526	53/75	417	390	5.42	30	6.8	53.9	55
	1747	53/75	413	391	5.34	29	6.8	54.1	55
	2008	53/74	410	388	5.39	26	6.8	52.9	55

Note any changes to the system

Date 2-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/1	0027	53/77	365	350	5.4	16°	4	56.6	55
	0303	53/78	365	349	5.4	18°	–	57.1	55
	0539	53/77	374	355	5.5	18	–	57.9	55
	0815	53/81	376	358	5.53	21°	–	51.5	55
	1042	53/80	375	357	5.35	29°	–	105.2	55
	1309	53/80	384	366	5.29	42°	–	56.6	55
	1536	53/76	393	374	5.38	41	–	57.2	55
	1803	53/75	387	370	5.49	35	–	54.3	55
	2030	53/76	385	368	5.48	33	–	52.3	55

Note any changes to the system

Date 2-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/2	2257	53/76	382	365	5.5	32°	4	48.4	55
	0124	53/79	380	363	5.4	30°	–	50.2	55
	0351	53/77	387	368	5.5	26°	–	53.4	55
	0618	53/75	389	363	5.68	22°	4	101.9	55
	845	53/78	380	363	5.36	20°	4	46.7	55
	1112	53/80	375	365	6.4	20°	34.5	91.6	55
	1339	53/78	389	363	5.41	20°	34.7	116.1	55
	1606	53/77	384	364	5.41	16	30	46.5	55
	1833	53/77	382	363	5.51	15	30	49.2	55
	2100	53/80	391	363	5.65	12	30	48.1	55

Note any changes to the system

Date 2-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/3	2327	53/80	385	359	5.6	12°	30	50.7	55
	0054	53/78	393	366	5.6	8°	32	51.8	55
	0421	53/80	395	368	5.7	8°	–	52.6	55
	0648	53/82	388	363	5.66	5°	28.3	41.2	55
	0915	53/82	388	361	5.41	6°	29.1	46.5	55
	1142	53/80	382	366	5.58	9°	31.3	66.4	55
	1409	53/80	379	365	5.57	10°	30.4	60.1	55
	1636	53/80	390	370	5.73	10°	30.4	[illegible]	55
	1903	53/82	385	360	5.58	4°	28.0	54.2	55
	2130	53/80	378	354	5.69	0°	29.0	52.8	55

Note any changes to the system

Slowed lime rate to 28.0 1640
Inc. lime rate to 29.0 1910

Date 2-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/4	2357	53/84	376	354	5.6	-2°	29.4	56	55
	0224	53/82	366	343	5.6	-6	29.2	55.5	55
	0451	52/80	360	346	5.4	-10	29.6	51.5	55
	0718	53/83	353	339	5.39	-9°	29.6	48.4	55
	0945	53/82	365	342	5.70	-5°	30.7	66.6	55
	1212	53/81	359	346	5.45	2°	30.2	64.8	55
	1439	53/80	363	352	5.73	2°	29.2	58.7	55
	1706	53/80	365	354	5.49	4°	29.2	57.3	55
	1933	53/82	364	352	5.37	0°	29.2	57.9	55
									55

Note any changes to the system

Date 2-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-5-22	2200	53/80	363	350	5.37	0°	29.2	61.3	55
	0027	53/86	381	361	5.8	0°	29.3	53.9	55
	0254	53/83	374	352	5.8	-2°	29.2	55.8	55
	0521	53/87	359	336	5.8	-4°	29.2	56.3	55
	0748	53/90	348	332	5.7	-10	29.4	56.8	55
	1025	53/90	333	313	5.52	-4°	29.7	60.0	55
	1345	53/90	328	318	5.30	10°	29.2	55.5	55
	1731	53/85	323	313	5.42	12°	29.6	59.6	55
		53/84	336	314	5.53	10°	29.2	61.4	55

Note any changes to the system

Date 2-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/6	0258	53/84	319	306	5.3	6°	29.6	56.8	55
	0125	53/82	320	306	5.2	6°	29.3	57.6	55
	0352	~~55~~							55
0710	[illegible]	53/83	342	320	5.3	6°	29.5	55.8	55
0920	[illegible]	53/84	321	307	5.2		29.6	57.4	55
	1155	53/82	330	319	5.22	18°	29.7	55.1	55
	1440	53/85	341	321	5.43	26°	29.3	54.6	55
	1707	53/84	325	319	5.19	24°	29.3	58.3	55
	1934	53/82	337	325	5.28	20°	29.3	59.4	55

Note any changes to the system

Date 2-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-7-22	2201	53/84	357	334	5.35	20°	29.3	58.2	55.0
	0028	53/80	355	334	5.4	16°	29.1	56.3	55
	0255	53/83	363	341	5.3	14°	29.2	56.8	55
	0523	53/83	363	340	5.4	16°	29.1	57.1	55
	0749	53/82	361	341	5.40	16°	29.2	57.4	55
	1017	53/84	368	346	5.34	20°	29.2	56.1	55
	1345	53/80	368	350	5.34	20°	29.2		55
8	1626	53/80	365	348	5.22	20	29.5	54.2	55
	1853	53/76	369	348	5.38	18	29.0	53.7	55
	2120	53/75	371	354	5.41	16	29.2	54.8	55

Note any changes to the system

Date 2-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/8	2347	53/77	385	359	5.3	16°	29.1	53.9	55
	0214	53/85	385	356	5.6	14°	29.0	54.2	55
	0441	53/82	378	355	5.2	12°	29.4	53.4	55
	0708	53/84	374	354	5.47	12°	29.1	56.2	55
	935	53/82	362	349	5.18	14°	29.4	54.8	55
	1202	53/80	371	351	5.38	20°	29.3	53.2	55
	1429	53/77	370	349	5.41	25	28.9	52.7	55
	1658	53/77	373	357	5.34	23	29.4	54.5	55
	1925	53/80	358	345	5.23	16	29.4	55.1	55
	2152	53/78	375	350	5.38	16	28.0	52.1	55

Note any changes to the system

Date 2-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/9	0019	53/78	366	343	5.4	22°	29	52.9	55
	0246	53/77	366	344	5.4	22°	29.1	53.1	55
	0513	53/78	361	348	5.3	24°	29.4	53.7	55
	0740	53/80	363	342	5.43	26°	29.2	55.2	55
	1007	53/78	359	343	5.32	30°	29.2	55.7	55
	1234	53/78	371	350	5.34	34°	29.1	54.6	55
	1501	53/77	370	350	5.31	33	29.2	53.9	55
	1728	53/77	360	349	5.24	30	29.4	53.5	55
	1955	53/78	364	345	5.27	29	29.2	53.4	55

Note any changes to the system

Date 2-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/10	2222	53/77	364	344	5.3	28°	29.0	53.7	55
	0049	53/78	362	349	5.3	26°	29.4	54.4	55
	0316	53/77	369	349	5.3	24°	29.0	53.4	55
	0543	53/78	372	349	5.4	24°	29.1	55.2	55
	0810	53/80	347	350	5.41	22°	29.2	48.9	55
	1037	53/80	375	353	5.39	22°	29.4	53.1	55
	1304	53/80	374	353	5.36	20°	29.3	54.7	55
	1531	53/78	381	339	5.33	22	29.3	53.9	55
	1758	53/76	377	357	5.41	20	29.3	54.2	55
	2025	53/76	371	356	5.36	20	29.4	54.7	55

Note any changes to the system

Date 2-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-11-22	2252	53/75	368	347	5.37	20	29.7	55.1	55
	0119	53/77	358	343	5.28	19	29.6	56.6	55
	346	53/78	364	342	5.40	22°	29.4	55.2	55
	613	53/78	365	342	5.31	22°	29.5	60.8	55
	840	53/78	371	347	5.60	28°	29.4	59.2	55
	1100	53/80	358	343	5.49	30°	29.6	60.2	55
	1460	53/78	388	342	5.39	30°	29.7	57.4	55
1640	1800	53/76	374	361	5.26	30	29.9	56.9	55
	1920	53/75	376	361	5.29	28	29.6	54.9	55
									55

Note any changes to the system

Date 2-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-12-22	2200	53/78	380	358	5.54	20°	29.6	58.8	55
	0040	53/76	382	361	5.35	18°	29.8	59.2	55
	320	53/80	375	354	5.20	12°	29.7	56.3	55
	600	53/80	371	352	5.29	10°	29.6	58.2	55
	840	53/78	392	343	5.41	8°	29.4	57.5	55
	1120	53/80	375	358	5.31	8	29.7	55.8	55
	1400	53/80	378	356	5.31	8	29.5	54.4	55
	1724	53/77	375	361	5.22	8	29.8	55.4	55
	2048 1920	53/77	375	362	5.07	8	29.9	52.5	55

Note any changes to the system

Date 2-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-13-22	0012	53/78	373	358	5.19	6°	29.8	59.3	55
	336	53/80	377	363	5.25	2°	29.9	62.2	55
	700	53/78	376	359	5.47	0°	29.7	58.6	55
	1024	53/77	384	366	5.30	5	29.5	55.9	55
	1348	53/78	385	363	5.41	10	29.5	54.6	55
	1712	53/77	395	373	5.27	8	29.9	55.0	55
	2036	53/79	381	366	5.10	5	29.5	54.7	55

Note any changes to the system

Date 2-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/14	0000	53/77	382	362	5.3	-10°	29.4	56.3	55
	0324	53/78	374	357	5.3	-12°	29.7	57.1	55
	0648	53/83	368	345	5.44	-11	29.4	56.8	55
	1012	53/82	343	348	5.22	3°	29.8	59.2	55
	1336	53/82	375	349	5.32	12°	29.7	58.7	55
	1700	53/77	376	361	5.16	13	29.8	56.9	55
	2024	53/77	373	350	5.38	10	29.4	54.7	55

Note any changes to the system

Date 2-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/15	2348	53/78	306	353	5.2	10°	29.8	56.6	55
	0312	53/78	316	354	5.3	8°	29.5	55.8	55
	0636	53/82	365	351	5.20	7°	29.9	60.8	55
	1000	53/82	366	353	5.20	13°	29.9	61.3	55
	1300	53/81	375	355	5.31	23°	29.4	58.2	55
	1600	54/85	368	356	5.40	24	29.9	58.9	55
	1900	54/							55
	2200	54/							55

Note any changes to the system

Date 2-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/16	2335	53/78	389	372	5.4	16°	29.8	56.6	55
	0735	53/76	418	390	5.39	34°	29.8	55.3	55

Note any changes to the system

2nd slowed lime to 28.6 55.2

Date 2-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/14	2245	53/77	388	358	5.1	36°	28.4	56.3	55
	0245	53/78	362	333	5.1	36°	28.7	56.0	55
	0645	53/81	354	329	5.13	22°	28.7	53.1	55
	1009	53/83	343	317	5.21	20°	28.4	52.6	55
	1309	53/83	321	306	5.19	19°	28.6	53.1	55
	1609	53/82	340	319	5.17	17°	28.4	52.3	55
	1909	53/80	334	316	5.25	12°	29.0	56.6	55

Note any changes to the system

Inc. lime rate to 29.0 at 1611

Date 2-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/18	2209	53/82	328	312	5.1	10°	29.4	55.8	55
	0109	53/80	342	321	5.2	6°	29.2	56.1	55
	0409	53/83	349	325	5.3	2°	29.1	55.5	55
	0709	53/84	341	328	5.19	3°	29.6	54.4	55
	1009	53/84	350	332	5.28	6°	29.5	53.7	55
	1309	53/82	358	337	5.27	23°	29.6	54.2	55
	1609	53/82	358	342	5.20	16°	29.3	53.4	55
	1909	53/80	365	341	5.38	16°	29.4	55.2	55

Note any changes to the system

Date 2-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/19	2209	53/80	358	344	5.2	16°	29.6	55.8	55
	0109	53/78	374	354	5.2	18°	29.3	56.6	55
	0409	53/78	379	354	5.3	8°	29.1	55.5	55
	0709	53/82	363	350	5.2	0°	29.6	56.1	55
	1009	53/80	372	353	5.34	2°	29.3	54.4	55
	1309	53/82	341	344	5.23	10°	29.4	55.7	55
	1609	53/80	364	352	5.43	10°	29.4	59.2	55
	1909	53/80	370	347	5.22	8°	29.2	57.8	55

Note any changes to the system

Date 2/20/22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/20	2209	53/80	355	344	5.2	4°	29.5	56.1	55
	0109	53/77	352	337	5.2	4°	29.2	54.7	55
	0409	53/80	357	344	5.1	6°	29.6	56.3	55
	0709	53/82	355	343	5.1	8°	29.6	55.8	55
	1009	53/82	363	348	5.15	20°	29.2	54.3	55
	1309	53/80	370	348	5.23	36°	29.1	55.6	55
	1609	53/82	364	349	5.13	40°	29.5	57.4	55
	1909	53/80	357	346	5.07	35°	29.6	56.6	55

Note any changes to the system

Date 2-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/21	2209	53/80	360	351	5.1	36°	29.3	55.8	55
	0109	53/80	361	346	5.2	30°	29.6	56.3	55
	0409	53/78	369	350	5.3	24°	29.3	55.2	55
	0709	53/90	371	355	5.30	24°	29.4	53.6	55
	1009	53/80	370	353	5.37	26°	29.2	54.7	55
	1309	53/80	375	357	5.27	38°	29.6	54.2	55
	1609	53/80	375	352	5.39	32	29.4	53.9	55
	1909	53/80	341	349	5.30	25	29.6	54.0	55

Note any changes to the system

Date 2-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/22	1009	53/78	372	346	5.3	24°	29.5	56.6	55
	0109	53/77	364	352	5.2	24°	29.3	56.1	55
	0409	53/78	371	352	5.4	24°	29.3	55.8	55
	0709	53/80	369	358	5.21	26°	29.2	57.4	55
	1009	53/80	369	348	5.32	28°	29.5	56.2	55
	1349	53/80	372	346	5.26	25°	29.3	58.1	55
	1529	53/77	373	351	5.20	25	29.6	57.2	55
	1809	53/77	364	343	5.17	25	29.2	55.1	55
	2049	53/75	370	349	5.34	25	29.3	56.4	55

Note any changes to the system

2049
246
2329

Date 2-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2/23	2329	53/75	360	346	5.1	26°	29.7	55.8	55
	0209	53/77	363	346	5.2	18°	29.4	56.3	55
	0449	53/80	371	348	5.4	18°	29.1	55.2	55
	0729	53/80	363	343	5.32	12°	29.3	56.4	55
	1009	53/80	362	344	5.67	12°	29.2	58.7	55
	1239	53/90	358	339	5.50	12°	29.3	58.4	55
	1509	54/90	369	346	5.60	15	29.1	56.9	55
	1739	54/85	360	345	5.57	13	29.3	57.2	55
	2009	54/85	364	347	5.54	11	29.1	57.0	55

Note any changes to the system

1010 Inc. draft to 54 Hz.

Date 2·24·22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-24-22	2239	54/88	361	341	5.60	10°	29.2	56.2	55
	109	54/85	357	340	5.56	7°	29.2	57.4	55
	339	54/90	357	341	5.60	7°	29.2	56.0	55
	609	54/86	357	341	5.53	6°	29.4	56.6	55
	0839	54/90	361	346	5.74	7°	29.5	54.7	55
	1100	54/86	356	346	5.82	14°	29.2	52.8	55
	1321	54/86	366	352	5.37	17°	29.5		55
	1542	54/86	362	349	5.47	17	29.5	53.1	55
	1803	54/87	361	347	5.43	15	29.4	52.9	55
	2024	54/85	353	338	5.52	13	29.3	53.7	55

Note any changes to the system

Date 2-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-25-22	2245	54/86	347	338	5.38	10°	29.2	53.9	55
	106	54/87	352	331	5.40	8°	29.2	54.8	55
	327	54/86	353	333	5.50	8°	29.2	52.6	55
	548	54/85	345	330	5.37	8°	29.4	54.3	55
	809	54/87	340	326	5.50	9°	29.1	53.9	55
	1030	54/88	344	372	5.42	12°	29.2	54.4	55
	1251	54/86	341	330	5.46	17°	29.5	55.8	55
	1512	54/85	352	339	5.59	16	29.1	54.5	55
	1733	54/80	348	345	5.65	15	29.5	55.1	55
	1954	54/85	354	338	5.63	12	29.1	55.5	55

Note any changes to the system

Date 2-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-26-22	2215	54/86	353	339	5.59	10°	29.2	56.2	55
	0034	54/88	357	340	5.46	10°	29.5	56.7	
	257	54/86	343	333	5.43	8°	29.2	55.3	
	518	54/87	354	332	5.67	10°	29.2	53.3	
	739	54/88	343	328	5.58	10°	29.2	55.4	
	1000	54/86	346	325	5.51	16	29.4	no lime	
	1221	54/85	353	335	5.71	20	29.1	54.7	
	1442	54/83	359	340	5.72	22	29.2	53.9	
	1703	54/85	358	345	5.63	23	29.4	52.7	
	1924	54/84	365	345	5.79	20	29.1	53.4	
	2136	54/84	369	347	5.80	18	29.1	55.02	

Note any changes to the system

Date 2-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-27-22	2348	54/86	370	357	5.77	18°	29.2	54.6	55
	200	54/85	375	352	5.79	20°	29.3	53.8	
	412	54/84	380	366	5.50	20°	29.6	55.2	
	624	54/84	382	361	5.62	20°	29.3	55.8	
	836	54/84	384	371	5.67	22°	29.3	52.2	
	1048	54/80	389	374	5.54	25	29.5	53.1	
	1306	54/80	390	376	5.35	29	29.6	52.7	
	1521	54/80	402	379	5.66	29	29.6	53.4	
	1736	54/80	403	378	5.79	26	29.1	52.4	
	1951	54/79	388	375	5.67	24	29.6	53.7	

Note any changes to the system

Date 2-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
2-28-22	2206	54/80	390	377	5.57	20	29.2	56.2	55
	0021	54/77	396	379	5.6	16°	29.1	55.8	55
	0236	54/80	391	378	5.6	14°	29.6	56.3	55
	0451	54/82	396	380	5.6	14°	29.3	56.1	55
	0706	54/85	402	381	5.60	12°	29.1	54.4	55
	921	54/86	390	370	5.66	18°	29.2	56.8	55
	1120	54/85	382	368	5.41	24°	29.6	55.9	55
	1342	54/85	390	373	5.52	30°	29.1	57.1	55
	1554	54/84	387	370	5.76	30	29.3	56.7	55
	1806	54/80	379	366	5.52	26	29.6	54.9	55
	2018	54/79	389	365	5.67	25	29.1	53.2	55

Note any changes to the system

Date 3-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/1	2230	54/80	303	370	5.5	26°	29.5	56.1	55
	0042	54/82	391	367	5.6	25°	29.1	56.6	55
	0254	54/82	383	371	5.5	26°	29.3	55.8	55
	0506	54/82	392	371	5.6	26°	29.5	56.8	55
	0718	54/85	385	373	5.58	28°	29.9	68.8	65
	930	54/85	392	347	5.67	30°	29.8	62.4	65
	1142	54/85	379	360	5.62	35°	29.9	64.3	65
	1354	54/86	374	360	5.88	35°	30.3	66.2	65
	1606	54/85	379	359	5.77	37	31.2	75.7	75
	1818	54/77	378	356	5.80	33	31.4	76.2	75
	2030	54/80	373	366	5.73	26	31.7	77.1	75

Note any changes to the system

615 Inc. lime rate to 65 lbs. per B.S.
525 Inc lime to 75 lbs

Date 3-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/2	2242	54/84	375	356	5.8	22°	31.5	77.2	75
	0054	54/83	373	357	5.6	20°	31.4	76.7	75
	0306	54/83	376	359	5.6	16°	31.5	77.5	75
	0518	54/84	372	358	5.6	14°	31.3	74.6	75
	0730	54/86	364	350	5.69	14°	31.6	75.3	75
	942	54/88	374	357	5.67	22°	31.4	79.6	75
	1154	54/86	360	343	5.88	30°	31.4	78.2	75
	1406	54/82	370	350	5.80	36	31.3	77.0	75
	1618	54/84	367	346	5.64	35	31.4	77.2	75
	1830	54/83	360	342	5.68	28	31.6	76.4	75
	2042	54/81	362	344	5.77	25	31.2	76.9	75

Note any changes to the system

Date 3-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/3	2254	54/83	359	337	5.7	20°	31.6	76.7	75
	0106	54/84	353	340	5.7	16°	31.6	76.4	75
	0318	54/85	352	338	5.7	12°	31.7	75.6	75
	0530	54/85	358	338	5.8	10°	31.3	76.9	75
	0742	54/90	355	334	5.75	10°	31.7	77.4	75
	954	54/90	347	326	5.88	12°	31.6	75.3	75
	1206	54/88	371	348	5.72	14°	31.2	76.6	75
	1418	54/86	201°	177°	5.82	18°	31.6	85.1	75
	1630	54/83	[illegible]/167	176	5.16	20°	31.5	84.6	75
	1842	54/83	191	176	5.25	19°	31.4	83.06	75
	2054	54/83	191	171	5.45	17°	31.1	79.8	75

Note any changes to the system

Date 3-4-22

Firemen

Temp in C°

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/4	2306	54/83	175	177	5.1	16°	31.4	78	75
	0118	54/80	182	177	5.1	14°	31.1	76.1	75
	0330	54/83	198	176	5.4	12°	31.0	76.9	75
	0542	54/84	196	179	5.4	10°	31.4	77.5	75
	0754	54/88	198c	175c	5.06	10°	31.4	70.2	75
	1006	54/86	168c	172c	5.13	20°	31.3	71.4	75
	1218	54/88	190c	175c	5.36	26°	31.1	72.7	75
	1430	54/85	194	174	5.54	30°	31.0	77.2	75
	1642	54/83	169	173	5.18	31°	31.3	75.3	75
	1854	53/84	180	173	5.22	25°	31.3	74.07	75
	2106	53/85	170	175	5.15	23°	31.3	75.3	75

Note any changes to the system

Date 3-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp. (C°)	Baghouse temp. (C°)	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/5	2318	54/84	195	177	5.5	24°	31.1	73.3	75
	0130	54/83	175	176	5.1	24°	31.4	75.3	75
	0342	54/83	174	178	5.1	24°	31.3	75.6	75
	0554	54/84	191	178	5.3	26°	31.1	76.2	75
	0806	54/84	184	179	5.2	28°	31.2	73.8	75
	1018	54/82	191	174	5.59	37°	30.9	75.6	75
	1230	54/82	196	180	5.55	45°	31.1	74.6	75
	1442	54/81	203	184	5.68	57°	30.9	73.2	75
	1654	54/82	174	178	5.27	51°	31.3	73.2	75
	1906	54/83	178	176	5.25	47°	31.4	76.1	75
	2118	54/80	178	180	5.21	45°	31.4	77.5	75

Note any changes to the system

Date 3-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/6	2330	54/80	187	183	5.2	54°	31.3	76.4	75
	0142	54/80	185	179	5.3	50°	31.4	75.9	75
	0354	54/78	198	181	5.6	50°	31.3	75.3	75
	0606	54/77	176	181	5.2	46°	31.3	74.1	75
	0818	54/82	199	179	5.6	46°	31.2	76.7	75
	1030	54/80	193	179	5.59	35°	31.4	74.8	75
	1242	54/82	198	176	5.61	33°	31.1	75.1	75
	1454	54/83	185	180	5.22	32°	31.4	74.6	75
	1706	54/83	178	178	5.18	30°	31.1	75.1	75
	1918	54/82	189	179	5.32	30°	31.4	75.3	75
	2130	54/82	190	180	5.36	30°	31.0	75.9	75

Note any changes to the system

Date 3-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp. (C°)	Baghouse temp. (C°)	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/7	2342	54/82	181	183	5.2	28°	31.4	75.9	75
	0154	54/83	195	178	5.5	28°	31.2	75.4	75
	0406	54/83	189	176	5.3	26°	31.3	76.1	75
	0618	54/87	174	170	5.15	23°	31.3	80.4	75
	0830	54/87	167	168	5.08	24°	31.3	79.1	75
	1042	54/87	178	166	5.44	23°	31.1	76.4	75
	1254	54/87	180	166	5.47	23°	31.2	75.9	75
	1505	54/86	160	165	5.05	23	31.4	75.2	75
	1718	54/82	178	166	5.46	24	31.1	74.9	75
	1930	54/85	177	166	5.35	22	31.2	73.7	75
	2142	54/86	177	163	5.42	21	31.0	74.1	75

Note any changes to the system

Date 3-8-22

Firemen

C. C.

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/8	2354	54/82	190	168	5.4	20°	31.2	76.1	75
	0206	54/80	183	170	5.4	20°	31.0	75.6	75
	0418	54/80	190	173	5.3	20°	31.3	76.7	75
	0630	54/87	189	170	5.49	21°	31.01	76.4	75
	0842	54/87	167	171	5.03	23°	31.1	75.6	75
	1054	54/87	193	173	5.46	26°	31.07	75.1	75
	1306	54/87	187	170	5.53	31°	31.0		75
	1518	54/85	192	172	5.11	32	31.4	74.5	75
	1727	54/85	162	169	5.17	32	31.4	74.7	75
	1936	54/85	182	168	5.49	27	31.0	75.0	75
	2145	54/84	186	169	5.47	22	31.1	74.7	75

Note any changes to the system

Date 3-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/9	2354	54/84	188	167	5.4	22°	31.1	76.1	75
	0203	54/84	167	167	5.4	22°	31.0	76.4	75
	0412	54/85	173	169	5.2	20°	31.1	75.6	75
	0621	54/86	177	170	5.49	20°	31.0	76.7	75
	830	54/86	161	166	5.05	24°	31.3	77.1	75
	1039	54/90	185	167	5.47	28°	31.2	75.8	75
	1248								
	1457	55/88	181	170	5.44	36	30.9	74.2	75
	1706	55/88	189	178	5.57	34	30.9	75.0	75
	1915	55/86	184	174	5.51	26	31.0	76.2	75
	2124	55/31	176	167	5.30	22	31.3	76.9	75

Note any changes to the system

1000 INC. EXHAUST TO 55 HZ. BS

Date 3-10-02

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-10	2333	55/90	189	174	5.05	20°	31.0	76.3	75
	142	55/88	186	174	5.21	20°	31.4	76.9	75
	351	55/90	175	171	5.16	18°	31.2	75.4	75
	600	55/89	184	170	5.11	18°	31.3	77.1	75
	809	55/91	185	172	5.38	18°	31.3	76.1	75
	1018	55/92	178	170	5.32	21°	30.9	74.8	75
	1227	55/91	184	173	5.41	25°	31.2	74.3	75
	1436	55/84	175	174	5.11	25	31.3	75.4	75
	1645	55/88	188	172	5.50	26	31.0	74.4	75
	1854	55/90	189	171	5.46	24	31.0	74.7	75
	2103	55/88	177	171	5.14	22	31.1	75.2	75

Note any changes to the system

Date 3-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-11	2312	55/88	179	171	5.32	18°	31.1	76.6	75
	121	55/89	166	170	5.06	16°	31.3	75.2	75
	330	55/86	164	169	5.03	16°	31.3	77.5	75
	539	55/90	188	169	5.44	12°	31.1	76.3	75
	748	55/91	164	169	5.02	11°	31.1	73.1	75
	957	55/90	195	173	5.26	15°	31.3	75.8	75
	1206	55/89	173	172	5.16	17°	31.4	74.8	75
	1415	55/87	176	169	5.25	20	30.9	73.2	75
	1624	55/85	171	171	5.32	22	31.1	74.0	75
	1833	55/86	174	171	5.44	20	31.0	73.4	75
	2042	55/86	167	170	5.10	16	31.4	74.9	75

Note any changes to the system

Date 3-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-12	2257	55/90	168	170	5.08	10°	31.1	76.2	75
	100	55/90	179	170	5.32	8°	31.2	77.4	75
	309	55/88	190	169	5.15	5°	31.2	76.0	75
	518	55/90	164	167	5.14	0°	31.2	75.1	75
	727	55/89	176	168	5.20	0°	31.2	76.3	75
	936	55/88	175	168	5.23	5°	31.1	76.8	75
	1145	55/88	154	170	5.34	8	31.28	76.0	75
	1354	55/90	175	169	5.08	9	31.34	75.4	75
	1603	55/86	182	168	5.33	11	30.9	73.6	75
	1812	55/88	167	169	5.02	8	31.4	75.0	75
	2021	55/90	187	165	5.27	3	31.1	76.9	75

Note any changes to the system

Date 3-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-13	2230	55/92	168	163	4.97	0°	31.2	75.6	75
	0039	55/92	179	163	5.22	0°	31.4	76.4	75
	348	55/90	184	164	5.39	4°	31.1	77.3	75
	557	55/88	183	164	5.00	4°	31.2	75.2	75
	806	55/90	166	159	5.14	4°	31.2	74.8	75
	1015	55/90	139	160	4.90	2	31.3	73.9	75
	1224	55/90	163	166	5.02	19	31.4	74.2	75
	1433	55/88	188	167	5.48	18	31.1	75.2	75
	1642	55/86	194	169	5.42	23	31.2	76.1	75
	1851	55/86	183	170	5.34	24	31.0	75.4	75
	2100	55/90	172	165	5.50	28	31.0	75.1	75

Note any changes to the system

Date 3-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/14	2309	55/87	177	172	5.2	22°	31.3	74.6	75
	0118	55/90	175	172	5.3	24°	31.2	74.1	75
	0327	55/88	167	170	5.1	28°	31.4	74.3	75
	0536	55/90	172	170	5.2	24°	31.1	76.1	75
	0745	55/95	144	170	5.08	26°	31.4	76.9	75
	954	55/90	172	170	5.25	30°	31.0	75.8	75
	1203	55/95	185	171	5.42	40°	31.3	76.4	75
	1412	55/95	191	170	5.57	44	31.9	75.9	75
	1732	55/92	188	172	5.54	46	31.1	74.7	75
	1941	55/90	183	168	5.23	33	31.2	75.0	75
	2150	55/90	168	169	5.09	26	31.3	74.9	75

Note any changes to the system

1603 62° In fan Room
Drive OH I NEED

1732
2309
1941
2150
2359

Date 3-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/15	2359	55/90	176	168	5.3	25°	31.4	76.7	75
	0208	55/90	190	169	5.3	24°	31.1	76.1	75
	0417	55/88	170	170	5.1	26°	31.3	74.6	75
	0626	55/95	192	170	5.39	26°	31.2	75.3	75
	835	55/94	167	172	5.09	26°	31.3	75.9	75
	1044	55/94	191	170	5.51	30°	31.0	76.5	75
	1253	55/90	169	174	5.14	30°	31.3	79.1	75
	1502	55/92	169	175	5.06	30	31.4	78.4	75
	1711	55/80	185	175	5.39	35	31.4	77.9	75
	1920	55/83	172	177	5.07	32	31.4	76.4	75
	2129	55/85	192	174	5.51	25	31.1	77.2	75

Note any changes to the system

Date 3-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/16	2338	55/88	196	174	5.5	24°	31.1	74.7	75
	0147	55/88	176	175	5.2	24°	31.4	76.1	75
	0356	55/88	177	172	5.2	22°	31.4	75.9	75
	0605	55/88	178	170	5.14	25°	31.2	78.4	75
	814	55/90	171	172	5.28	25°	31.3	77.2	75
	1023	55/88	188	171	5.35	35°	31.0	78.8	75
	1232	56/90	171	174	5.25	45°	31.3	77.6	75
	1559	55/88	172	177	5.29	57	31.4	76.7	75
	1803	55/90	177	164	5.53	57	31.0	75.2	75
	2012	55/90	177	163	5.54	46	31.2	76.0	75

Note any changes to the system

Date 3-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/17	2221	55/90	179	162	5.4	40°	31.3	76.4	75
	0030	55/90	182	163	5.4	44°	31.1	76.9	75
	0239	55/90	165	165	5.2	42°	31.4	75.9	75
	0448	55/90	180	165	5.4	42°	31.3	78.5	75
	0657	55/90	167	161	5.4	44°	30.2	74.0	75
	906	55/90	168	165	5.1	44°	30.5	72.4	"
	1115	55/86	192	174	5.5	54°	30.2	73.6	"
	1324	55/93	188	174	5.3	62°	30.5	66.1	"
	1533	55/88	173	172	5.27	65°	30.7	70.1	75
	1742	55/90	183	178	5.39	63°	31.1	81.4	75
	1951	55/85	185	174	5.43	57°	30.6	73.2	75
	2200	55/85	187	176	5.63	49°	30.6	79.6	75

Note any changes to the system

Decrease lime rate to 30.6 lbs per hr kc
increase lime rate to 31 lbs per hr DG 1320

Date 3-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/18	0009	55/90	182	173	5.2	46°	30.7	74.0	75
	0218	55/90	194	174	5.6	40°	30.5	73.8	75
	0427	55/88	187	170	5.5	36°	30.8	76.1	75
	0636	55/90	181	168	5.45	34°	30.4	79.2	75
	845	55/89	163	167	5.16	35°	30.8	80.9	75
	1054	55/90	175	172	5.34	38°	30.7	77.6	75
	1303	55/88	177	170	5.40	40°	30.6	77.1	75
	1512	55/87	184	164	5.57	41°	30.4	79.1	75
	1721	55/87	170	169	5.15	39°	30.6	78.0	75
	1930	55/88	163	167	5.08	33°	30.9	78.8	75
	2139	55/88	184	165	5.51	31°	30.4	76.7	75

Note any changes to the system

Date 3-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/19	2348	55/88	182	169	5.3	32°	30.8	74.1	75
	0157	55/88	166	169	5.1	32°	30.8	73.6	75
	0406	55/86	170	172	5.1	36°	30.9	73.2	75
	0615	55/88	190	169	5.5	34°	30.4	74.3	75
	0824	55/90	176	171	5.3	30°	30.8	74.8	75
	1033	55/90	176	166	5.34	31°	30.6	77.5	75
	1242	55/88	170	169	5.25	33°	30.6	76.9	75
	1451	55/89	184	168	5.41	33°	30.6	76.4	75
	1700	55/88	186	167	5.53	34°	30.5	77.5	75
	1909	55/88	187	165	5.41	33°	30.4	76.1	75
	2118	55/87	165	168	5.08	29°	30.8	74.8	75

Note any changes to the system

Date 3-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/20	2327	55/98	175	169	5.2	30°	30.9	76.4	75
	0136	55/88	140	168	5.4	28°	30.4	75.9	75
	0345	55/88	183	169	5.2	28°	30.6	76.7	75
	0554	55/90	176	168	5.2	28°	30.7	75.6	75
	0803	55/90	170	168	5.1	28°	30.8	76.7	75
	1012	55/90	174	168	5.13	33°	30.7	78.0	75
	1221	55/90	168	167	5.27	42°	30.7	79.1	75
	1430	55/90	169	170	5.29	47°	30.7	74.8	75
	1639	55/90	184	172	5.50	49°	30.8	68.6	75
	1848	55/88	179	173	5.47	50°	30.4	79.3	75
	2057	55/87	173	172	5.14	39°	30.8	78.5	75
									75

Note any changes to the system

Date 3-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/21	2306	55/90	184	172	5.3	40°	30.5	77.7	75
	0115	55/90	174	171	5.1	32°	30.4	76.1	75
	0324	55/90	185	171	5.2	28°	30.5	76.7	75
	0533	55/92	190	171	5.3	26°	30.6	74.1	75
	0742	55/93	173	169	5.05	23°	30.6	72.4	75
	0951	55/93	169	169	5.10	38°	30.6	73.0	75
	1200	55/95	176	170	5.34	47°	30.6	70.4	75
	1409	55/95	186	172	5.50	53	31.1	72.7	75
	1618	55/90	192	170	5.46	50	30.9	71.4	75
	1827	55/90	189	168	5.49	48	31.0	70.7	75
	2036	55/90	167	168	5.05	37	30.3	72.2	75

Note any changes to the system

Date 3-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/22	2245	55/92	187	166	5.5	34°	30.9	76.7	75
	0054	55/92	163	164	5.1	30°	31.3	76.1	75
	0303	55/92	163	166	5.1	30°	31.3	76.9	75
	0512	55/88	162	162	5.1	28°	31.1	76.9	75
	0721	55/95	181	163	5.53	28°	30.9	78.8	75
	0930	55/94	159	162	5.03	32°	31.0	76.7	75
	1139	55/95	185	164	5.33	37°	31.0	78.3	75
	1348	55/95	186	164	5.56	41°	30.8	79.8	75
	1557	55/90	167	164	5.22	42	31.3	77.9	75
	1806	55/87	165	165	5.13	39	31.3	78.4	75
	2015	55/88	182	163	5.42	35	30.8	76.5	75

Note any changes to the system

Date 3-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/23	2224	55/92	177	161	5.4	30°	31.1	76.1	75
	0033	55/92	170	159	5.2	30°	31.1	76.9	75
	0242	55/90	157	161	5.1	30°	31.3	75.6	75
	0451	55/92	165	161	5.1	32°	31.8	75.1	75
	0700	55/95	180	160	5.46	32°	31.2	74.7	75
	909	55/95	184	161	5.53	32°	31.2	82.2	82
	1118	55/94	169	161	5.40	36°	31.3	[redacted] 82.8	82
	1327	55/94	167	162	5.23	40°	31.4	83.7	82
	1536	55/90	184	162	5.24	41	31.3	81.9	82
	1745	55/87	157	161	5.11	35	31.4	82.0	82
	1954	55/89	177	161	5.24	39	31.4	81.9	82
					5.2		31.3	82.2	

Note any changes to the system

905 Inc. [redacted] lime rate to 82.0 per B.S.

Date 3-24-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-24	2203	55/89	189	165	5.24	36	31.3	82.2	82
	0012	55/90	181	163	5.55	36°	31.2	83.4	82
	221	55/90	179	164	5.38	40°	31.1	82.5	82
	430	55/89	180	162	5.50	40°	31.3	82.2	82
	639	55/93	181	141	5.60	39°	31.1		82

Note any changes to the system

Date 3-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-26-22	1840	95	126	132	4.75	20	31.3	78.04	82

Note any changes to the system

Inc. lime to 31.7

Date 3-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-27	2040	50/95	145	135	5.14	14°	31.9	82.4	82
	240	50/95	148	134	5.11	12°	31.8	81.7	82
	640	53/96	150	133	5.02	10°	32.2	83.3	82
	952	53/100	130	135	5.00	12°	31.7	81.6	82
	1304	53/120	136	134	4.90	13	31.9	82.0	82
	1616	53/110	143	137	5.05	16	31.9	81.5	82
	1928	53/115	146	134	5.31	15	31.7	82.0	82

Note any changes to the system

640 Inc. draft to 53 Hz.

Date 3-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/28	2240	53/110	157	138	5.2	10°	31.9	83.5	82
	0152	53/110	144	140	4.9	10°	32.1	83.3	82
	0504	53/112	151	144	4.9	8°	32.1	82.5	82
	0816	53/115	144	148	4.8	6°	32.2	83.8	82
	1046	53/115	154	149	5.03	10°	32.1	82.9	82
	1337	53/115	167	153	5.24	12°	31.9	83.4	82
	1814	53/[illegible]	165	160	5.17	20	32.1	84.9	82
	1919	53/109	168	162	5.22	20	31.7	85.7	82

Note any changes to the system

Date 3-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/29	2210	53/109	155	161	4.9	16°	32.2	83.3	82
	0101	53/105	176	166	5.1	12°	31.8	83.8	82
	0342	53/105	185	171	5.1	10°	32.1	84.1	82
	0622	53/110	175	169	5.24	10°	31.8	82.7	82
	902	53/112	197	177	5.38	14°	32.2	88.2	82
	1142	53/110	194	183	5.24	18°	31.8	86.4	82
	1422	53/100	179	179	5.17	35	31.7	85.9	82
	1655	52/99	197	180	4.97	37	31.7	84.6	82
	1928	52/100	188	171	5.16	34	31.5	84.1	82

Note any changes to the system

1641 Cut exhaust to 52 Hz

Date 3-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3-30-22	2201	52/95	195	179	5.3	30	31.4	85.0	82
	0034	52/98	177	177	5.1	30	31.5	82.8	82
	0307	52/98	183	174	5.3	26	31.6	83.1	82
	0540	52/100	165	169	5.1	26	31.8	82.5	82
	0813	52/100	193	175	5.20	28°	31.4	84.4	82
	1046	52/100	190	174	5.00	32°	31.8	82.8	82
	1310	52/99	193	179	5.16	40°	31.8	86.0	82
	1534	52/95	175	176	4.91	42	31.7	85.4	82
	1758	52/95	187	181	5.32	44	31.6	84.7	82
	2022	52/94	175	181	4.97	45	31.9	83.9	82

Note any changes to the system

Date 3-31-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
3/31	2246	52/94	186	184	5.2	40°	31.77	83.9	82
	0110	52/94	193	184	5.3	42°	31.5	84.4	82
	0334	52/93	197	188	5.3	52°	31.6	82.8	82
	0558	52/97	193	175	5.3	48°	31.5	84.9	82
	0822	52/95	184	174	5.02	48°	31.6	85.7	82
	1037	52/99	187	174	5.00	38°	31.8	86.3	82
	134	52/96	174	170	5.03	35°	31.7	85.1	82
		52/92	171	168	5.18	36°	31.9	89.9	82
	1810	52/92	161	166	4.91	32°	31.7	87.5	82
	2025	52/92	170	163	5.11	28°	31.7	85.7	82

Note any changes to the system

Date 4-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/13	2204	53/100	177	164	5.4	52°			
	0033	53/102	182	164	5.4	52°			
	0257	53/102	179	161	5.4	52°			
	0521	53/102	166	161	5.1	54°			
	0745	53/104	171	155	5.11	55°			
	1009	53/102	171	157	5.10	60°			
	1233	52.5/100	182	160	5.30	64°			
	1457	52/100	177	165	5.20	57			
	1721	52/95	192	169	5.34	60			
	1945	52/95	204	179	5.19	60			

Note any changes to the system

10HO SLOWED EXHAUST TO 52.50 HZ

Date 4-14-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/14	2209	52/95	191	185	4.93	60°			
	0033	52/93	192	187	5.4	58°			
	0257	52/90	192	188	5.4	56°			
	0521	52/43	191	179	5.1	34°			
	0745	54/108	186	175	5.32	35°			
	1009	54/105	173	172	4.82	38°			
	12	54/105	188	173	5.20	42°			
	1527	54/105	185	176	4.92	47°			
	1800	54/105	195	181	5.40	43°			
	2033	54/103	181	179	4.92	37°			

Note any changes to the system

6/10 Enc. drift to 54 Hz.

Date 4-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/15	2306	54/102	195	179	5.2	36°			
	0139	54/104	177	176	5.0	36°			
	0412	54/104	189	175	5.3	38°			
	0645	54/104	196	176	5.22	36°			
	918	54/102	185	174	5.09	38°			
	1151	54/105	196	176	5.22	44°			
	1424	54/103	197	173	5.49	43°			
	1657	54/103	194	172	5.37	43°			
	1930	54/100	173	173	4.98	39°			
	2203	54/102	191	172	5.32	36°			

Note any changes to the system

Date 4-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/16	0036	54/102	176	174	4.86	34°			
	0309	54/104	193	172	5.4	30°			
	0542	54/102	190	173	5.2	24°			
	0815	53/100	176	170	5.0	24°			
	1048	53/100	196	172	5.01	29°			
	1321	53/100	195	173	5.43	32°			
	1554	53/100	177	174	4.85	32°			
	1827	53/100	195	170	5.45	27°			
	2100	53/99	176	171	5.23	25°			

Note any changes to the system

0730 Decrease Exhaust to 53 hz per b.s. Lc

Date 4-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/17	2333	53/100	174	171	5.0	20°			
	0206	53/100	183	171	5.1	20°			
	0439	53/100	193	171	5.3	20°			
	0712	53/102	197	173	5.3	20°			
	0945	53/103	172	167	5.0	22°			
	1218	53/102	173	172	4.84	29°			
	1451	53/102	196	173	5.33	43°			
	1724	53/102	180	174	4.92	39°			
	1957	53/101	174	173	4.95	35°			

Note any changes to the system

Date 4-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/18	2230	53/100	174	173	4.95	29°			
	0103	53/102	176	172	5.10	26°			
	0336	53/102	175	170	4.92	24°			
	0609	53/102	176	168	5.07	24°			
	0832	53/104	188	168	5.36	25°			
	1100	53/104	192	168	5.43	28°			
	1324	53/102	195	168	5.27	24°			
	1548	53/105	178	174	5.10	24			
	1812	53/100	205	177	5.30	25			
	2036	53/102	182	177	4.98	25			

Note any changes to the system

Date 4/19/22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/19	2300	53/103	177	177	4.95	24°			
	0124	53/100	190	177	5.1	24°			
	0348	53/100	199	175	5.2	24°			
	0612	53/99	191	178	5.19	25°			
	0830	53/100	184	177	4.94	25°			
	1048	53/99	180	177	4.84	29°			
	1306	53/99	192	179	5.11	30°			
	1524	53/98	187	178	5.30	33			
	1742	53/100	201	176	5.17	35			
	2000	53/97	201	176	5.13	32			

Note any changes to the system

Date 4-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/20	2218	53/100	176	175	5.05	28°			
	0036	53/100	200	176	5.4	24°			
	0254	53/102	197	176	5.3	24°			
	0512	53/100	191	177	5.0	20°			
	0730	53/100	177	175	5.00	20°			
	948	53/100	202	176	5.42	30°			
	1206	53/102	194	178	5.37	44°			
	1424	53/98	185	180	5.16	51			
	1642	53/96	197	179	5.36	46			
	1900	53/100	209	181	5.49	42			
	2118	53/100	203	176	5.27	42			

Note any changes to the system

Date 4-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-21	232	53/100	182	177	5.38	42°			
	154	53/100	178	178	5.03	40°			
	412	53/100	193	175	5.33	40°			
	630	53/102	184	176	5.27	43°			
	0848	53/100	176	175	5.03	44°			
	1106	53/100	181	175	5.12	45°			
	1324	53/100	193	176	5.35	59°			
	1542	53/98	189	180	5.26	54			
	1800	53/96	198	181	5.47	57			
	2018	53/96	194	182	5.31	55			

Note any changes to the system

Date 4-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-22	2336	53/99	184	180	5.24	44°			
	0054	53/100	190	179	5.10	34°			
	312	53/99	182	179	5.07	32°			
	530	53/99	204	179	5.45	30°			
	748	53/103	197	180	5.23	34°			
	1006	53/103	204	181	5.48	42°			
	1224	53/102	205	187	5.36	52°			
	1442	53/98	211	184	5.53	50			
	1700	53/96	205	183	5.52	45			
	1918	53/96	207	184	5.46	42			
	2136	53/95	198	180	5.09	40			

Note any changes to the system

105 Inc. lime rate to 32.4

Date 4-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/23	2354	53/95	188	186	5.05	40°			
	0212	53/93	214	187	5.39	40°			
	0430	53/93	205	184	5.49	39°			
	0648	53/95	185	184	5.21	40°			
	0906	53/95	187	183	4.97	47°			
	1124	53/97	201	186	5.13	56			
	1342	53/97	210	187	5.38	77			
	1600	53/98	187	187	5.02	78			
	1818	53/97	211	187	5.60	82			
	2036	53/96	207	187	5.44	72			

Note any changes to the system

Date 4/24/22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/24	2254	53/98	209	183	5.2	78°			
	246	53/96	206	187	5.2	78°			
	330	53/96	181	183	5.1	64°			
	548	53/95	206	187	5.4	62°			
	806	53/96	210	189	5.5	64°			
	1024	53/95	212	189	5.50	71			
	1242	55/95	215	190	5.73	74			
	1500	53/100	191	191	5.25	76			
	1718	53/94	198	189	5.11	74			
	1936	53/98	196	184	5.50	60			
	2154	53/ Lost Power To Plant							

Note any changes to the system

Date 4-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/1	2240	52/93	186	165	5.4	26°	31.4	84.7	82
	0055	52/93	181	167	5.2	26°	31.7	84.1	82
	0310	52/94	174	165	5.1	24°	31.4	83.6	82
	0525	52/92	166	165	5.1	24°	31.4	82.0	82
	0740	52/99	178	164	5.35	24°	31.5	84.4	82
	955	52/98	163	164	7.98	25°	31.8	88.1	82
	1210	52/98	167	167	5.10	26°	31.8	86.4	82
	1425	52/95	160	165	5.07	26°	31.8	85.9	82
	1640	52/94	184	163	5.27	27°	31.7	86.5	82
	1855	52/93	180	160	5.52	27°	31.4	85.7	82
	2110	52/95	158	159	4.97	26°	31.8	84.6	82

Note any changes to the system

Date 4-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/2	2325	52/92	174	163	5.4	24°	31.3	84.6	80
	0140	52/95	165	161	5.1	20°	31.7	84.3	82
	0355	52/94	189	165	5.2	20°	31.5	83.8	82
	0610	52/94	173	165	5.1	18°	31.6	83.5	82
	0825	52/95	174	166	5.1	20°	31.8	83.0	82
	1040	52/95	183	167	5.46	29°	31.4	86.5	82
	1248	52/94	165	170	4.93	36°	31.8	91.0	82
	1500	52/95	187	176	5.25	39°	31.6	93.6	82
	1712	52/93	173	177	5.04	35°	31.4	86.5	82
	1924	52/95	171	175	4.89	32°	31.5	87.0	82
	2136	52/93	193	175	5.47	27°	31.4	85.1	82

Note any changes to the system

Date 4-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/3	2348	52/92	170	175	5.2	26°	31.3	82.2	82
	0200	52/92	174	176	4.9	26°	31.4	82.8	82
	0412	52/92	176	176	5.1	24°	31.3	81.4	82
	0624	52/92	194	179	5.4	26°	31.3	82.2	82
	0836	52/92	180	180	5.3	30°	31.3	81.2	82
	1048	52/92	201	179	5.49	31°	31.4	83.3	82
	1300	52/92	197	181	5.38	33°	31.1	83.5	82
	1512	52/91	198	181	5.41	36°	31.1	84.3	82
	1724	52/91	187	182	5.22	37°	31.3	84.6	82
	1936	52/92	200	181	5.55	35°	31.3	86.7	82
	2148	52/90	199	183	5.23	32°	31.1	85.9	82

Note any changes to the system

Date 9-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/4	0000	52/92	178	183	4.94	32°	31.4	84.1	82
	0212	52/92	178	180	5.1	30°	31.3	83.6	82
	0424	52/92	196	182	5.3	30°	31.1	84.6	82
	0636	52/97	185	179	5.27	31°	31.2	84.1	82
	0848	52/95	198	179	5.46	29°	31.1	83.3	82
	1055	52/95	198	177	5.26	29°	31.4	84.3	82
	1304	52/99	172	174	5.05	29°	31.5	85.1	82
	1513	52/92	174	177	4.87	32	31.5	84.7	82
	1722	52/92	171	174	4.91	35	31.3	85.0	82
	1931	52/90	193	176	5.25	35	31.4	84.9	82
	2140	52/92	182	176	5.11	35	31.5	85.4	82

Note any changes to the system

Date 4-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/5	2349	52/92	180	175	5.1	34°			
	0158	52/92	198	176	5.5	34°			
	0407	52/92	177	177	5.1	34°			
	0616	52/95	177	176	5.05	33°			
	0825	52/95	172	174	4.97	33°			
	1034	52/94	194	175	5.35	34°			
	1243	52/93	169	174	4.91	39°			
	1452	52/95	182	179	5.10	43			
	1701	52/93	201	183	5.40	47			
	1910	52/93	183	178	5.47	47			
	2119	52/92	199	177	5.42	40			

Note any changes to the system

Date 4-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/6	2328	52/92	176	177	5.1	36°			
	0137	52/92	192	173	5.5	34°			
	0346	52/92	169	174	5.1	36°			
	0555	52/92	174	174	4.95	40°			
	0804	52/94	192	173	5.38	42°			
	1013	52/95	186	173	5.18	44°			
	1222	51/90	189	172	5.43	42°			
	1431	51/90	168	172	5.10	45			
	1640	51/90	195	170	5.59	39			
	1849	51/90	176	171	5.19	42			
	2058	51/90	175	173	5.08	38			

Note any changes to the system

1200 SLOWED KILN EXHAUST TO 51 HZ. BS

Date 4-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-7	2307	51/88	170	171	5.11	40°			
	114	51/88	184	171	5.41	40°			
	325	51/88	167	170	5.11	40°			
	534	51/86	169	171	4.91	40°			
	743	51/90	176	166	5.18	33°			
	0952	51/90	180	172	5.30	31°			
	1201	51/88	165	169	5.05	35°			
	1410	51/88	169	170	5.08	35			
	1619	51/83	184	174	5.32	38			
	1828	51/86	187	175	5.48	35			
	2037	51/82	180	172	5.32	35			

Note any changes to the system

Date 4-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-8	2246	51/88	186	173	5.27	35°			
	0055	51/86	166	170	5.02	32°			
	304	51/86	188	169	5.25	32°			
	513	51/86	191	169	5.23	32°			
	722	51/88	188	169	5.20	31°			
	0931	51/88	173	170	4.97	33°			
	1140	51/88	173	171	5.02	33°			
	1349	51/85	190	173	5.47	38°			
	1558	51/86	188	177	5.36	36			
	1807	51/86	197	175	5.15	33			
	2016	51/90	186	173	5.30	32			

Note any changes to the system

Date 4-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-9	2225	51/90	168	171	5.03	30°			
	0034	51/85	185	176	5.38	28°			
	243	51/84	198	174	5.39	25°			
	452	51/88	190	171	5.26	25°			
	701	51/84	189	174	5.39	22°			
	910	51/84	186	173	5.33	22°			
	1119	51/86	185	173	5.15	27			
	1328	51/85	190	170	5.26	28			
	1537	51/85	195	174	5.46	31			
	1746	51/83	197	173	5.27	32			
	1955	51/83	182	174	5.30	30			

Note any changes to the system

Date 4-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-10	2204	51/83	191	177	5.33	30°			
	0013	51/84	170	175	5.00	28°			
	222	51/85	180	176	4.89	26°			
	431	51/86	174	175	4.95	26°			
	640	51/88	178	172	4.97	20°			
	849	51/88	171	175	4.84	26°			
	1058	51/87	191	178	5.16	33			
	1307	51/86	185	175	5.09	41			
	1516	51/85	206	182	5.32	50			
	1725	51/88	175	179	4.93	52			
	1934	51/87	179	183	5.26	52			
	2143	51/86	202	180	5.39	45			

Note any changes to the system

Date 4-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/11	2352	51/87	198	184	5.1	42°			
	0201	51/87	193	185	5.1	40°			
	0410	51/88	191	186	5.0	40°			
	0619	51/88	212	188	5.30	40°			
	834	51/86	200	179	5.29	40°			
	1049	51/88	200	181	5.19	50°			
	1304	51/90	206	183	5.39	62°			
	1519	50.5/87	187	180	5.47	60			
	1734	50.5/85	195	177	5.52	52			
	1943	50.5/85	178	175	4.88	48			

Note any changes to the system

1310 Slowed Kiln Exhaust to 50.5 Hz. BS
2056 Inc. Exhaust to 52 Hz

Date 4-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/12	2009	52/92	188	177	5.1	44°			
	0033	52/92	198	180	5.2	42°			
	0257	52/94	187	176	5.2	34°			
	0521	50/92	198	177	5.4	30°			
	0745	52/95	184	174	5.19	30°			
	1008	52/96	185	184	5.00	45°			
	1233	52/98	182	183	5.00	56°			
	1457	53/100	182	183	4.89	63			
	1721	53/100	191	174	5.40	64			
	1945	53/100	179	176	5.44	60			

Note any changes to the system

1345 Inc. draft to 53 Hz.

Date 4-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/25									

LOST POWER TO PLANT

Note any changes to the system

Date 4-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4-26-22	2131	48/80	195	171	5.17	28			

Note any changes to the system

Slowed Kiln exhaust to 48 Hz

Date 4.27.02

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/27	0123	48/80	177	162	5.17	25°			
	0523	48/82	167	165	4.92	24°			
	0923	48/85	178	172	5.09	20°			
	1323	48/84	199	180	5.18	24°			
	1705	50/85	181	183	4.90	30			
	2047	50/85	190	187	4.78	32			

Note any changes to the system

Inc. draft to 50 Hz. at 1325

Date 4-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/28	0029	50/87	186	189	5.1	24°			
	0354	50/82	204	188	5.2	22°			
	0718	50/90	202	190	4.94	20°			
	1042	50/88	202	192	4.91	34°			
	1354	50/86	184	182	4.95	48°			
	1706	50/85	189	189	4.97	47°			
	2018	50/85	186	182	4.91	43°			

Note any changes to the system

Date 4-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/29	2330	50/85	205	183	5.4	36°			
	0230	50/84	187	186	4.8	30°			
	0530	50/85	207	186	5.2	24°			
	0830	51/89	209	184	5.36	32°			
	1130	51/90	201	185	5.20	46°			
	1430	51/88	188	186	4.99	60°			
	1730	51/88	189	188	5.00	56°			
	2030	51/88	205	184	5.41	50°			

Note any changes to the system

0800 INC. EXHAUST TO 51 HZ. RS

Date 4-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
4/30	2250	51/90	202	183	5.2	44°			
	0130	51/88	206	183	5.2	38°			
	0410	51/90	181	180	4.9	34°			
	0650	52/92	377	361	5.4	34°			
	0930	53/100	393	361	5.4	46°			
	1150	53/97	361	359	5.01	53°			
	1420	53/96	368	361	5.18	57°			
	1650	53/98	359	356	5.10	50°			
	1920	53/97	361	356	5.09	53°			
	2150	53/99	379	352	5.19	51°			

Note any changes to the system

C/S INC. EXHAUST TO 52 HZ. RS

B25 INC. EXHAUST TO 53 HZ. RS

Date 5-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/1	0020	53/100	357	359	5.1	50°			
	0244	53/100	366	356	5.0	46°			
	0508	53/100	357	357	4.9	44°			
	0732	53/100	390	357	5.0	46°			
	0956	53/100	384	354	5.2	48°			
	1220	53/100	374	359	5.00	53°			
	1444	53/96	377	365	4.98	59°			
	1708	53/99	399	363	5.23	54°			
	1932	53/99	386	365	5.55	47°			
	2156	53/98	379	366	4.95	44°			

Note any changes to the system

Date 5-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-2	0020	53/98	397	375	5.3	44°			
	0244	53/98	384	379	5.1	42°			
	0508	53/100	381	377	5.3	46°			
	0732	53/100	399	374	5.21	41°			
	0956	53/101	426	379	5.02	42°			
	1220	53/100	388	377	5.39	47°			
	1444	53/00	207	181	5.51	45			
	1508	53/100	205	185	5.16	46			
	1932	53/100	186	182	4.97	45			
	2156	53/100	200	183	5.21	44			

Note any changes to the system

Date 5-3-02

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/3	0020	53/100	401	363	5.4	43°			
	0244	53/100	368	359	4.8	40°			
	0508	53/100	359	352	5.4	40°			
	0732	53/101	401	350	5.34	43°			
	0956	53/102	346	347	5.33	44°			
	1214	53/100	386	347	5.21	43°			
	1432	53/106	198	176	5.32	42			
	1650	53/98	196	175	5.42	44			
	1908	53/98	177	173	4.81	42			
	2126	53/98	202	177	5.43	31			

Note any changes to the system

Date 5-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
05/04	2344	53/100	395	350	5.4	38°			
	0202	53/98	370	363	5.4	38°			
	0420	53/100	392	368	5.4	38°			
	0638	53/100	213	188	5.40	36°			
	856	53/100	191	187	5.00	38°			
	1114	53/100	194	187	4.98	44°			
	1329	53/100	215	190	5.45	46°			
	1544	53/96	428	377	5.48	53			
	1808	53/100	392	388	5.09	50			
	2032	53/100	386	383	5.15	47			

Note any changes to the system

Inc. exhaust to 54 Hz

Date 5-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-5-22	2056	54/101	211	190	5.47	38°			
	120	54/100	215	190	4.96	35°			
	344	54/100	220	192	5.41	35°			
	608	54/107	424	375	4.94	30°			
	8:45	54/107	366	363	5.05	38°			
	1115	56/110	399	377	5.02	47°			
	1345	56/115	424	377	5.21	57°			
	1615	56/115	383	377	5.09	58			
	1845	56/110	419	375	5.25	57			
	2115	56/115	399	370	5.41	52			

Note any changes to the system

1030 INC. EXHAUST TO 52. RS

Date 5-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-6	2345	56/115	192	188	5.25	48°			
	215	56/110	187	185	5.01	45°			
	445	56/110	202	184	5.41	42°			
	0715	56/118	383	363	5.15	42°			
	0945	56/120	393	361	5.25	45°			
	1215	56/118	408	368	5.32	55°			
	1445	56/117	361	359	5.07	62			
	1715	56/115	406	365	5.25	58			
	1945	56/117	381	357	5.10	53			

Note any changes to the system

Date 5-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-7	2215	56/110	186	181	5.04	44°			
	0045	56/110	195	181	5.43	42°			
	315	56/115	197	179	5.37	38°			
	545	56/115	205	179	5.07	35°			
	815	56/120	182	181	5.05	40°			
	1048	56/115	365	361	5.42	49			
	1321	56/115	393	365	5.58	57			
	1556	56/115	374	368	5.42	59			
	1827	56/115	397	363	5.51	55			
	2100	56/117	402	366	5.58	49			

Note any changes to the system

Date 5-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-8	2333	56/115	201	180	5.11	36°			
	206	56/118	193	180	5.13	36°			
	439	56/116	199	180	5.23	34°			
	712	56/116	192	180	5.09	30°			
	945	56/118	188	183	5.20	46°			
	1218	56/115	390	368	5.59	60			
	1451	56/119	372	376	5.19	75			
	1724	56/116	428	377	5.61	70			
	1957	56/115	393	379	5.20	61			

Note any changes to the system

Date 5-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date 5/9	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
~~2230~~	2230	56/117	377	374	5.5	54°			
	0103	56/117	388	381	5.2	52°			
	0336	56/117	372	368	5.2	50°			
	0604	56/120	374	359	5.00	47°			
	2125	52/115	431	215	4.98	64			

Note any changes to the system

Date 5-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/10	0049	52/95	397	377	5.1	54°			
	0413	52/98	390	370	5.1	56°			
	0737	52/100	201	182	5.48	58°			
	1101	52/99	181	180	5.03	68°			
	1413	53/100	395	359	5.60	88			
	1725	53/100	374	359	5.61	81			
	1937	53/100	361	363	5.01	75			

Note any changes to the system

1110 Inc. exhaust to 53 Hz.

Date 5-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/11	2349	53/102	384	359	5.15	70°			
	0301	53/103	368	370	5.4	66°			
	0613	53/101	207	187	5.42	62°			
	925	53/99	187	184	5.07	70°			
	1225	53/100	184	185	5.10	72°			
	1525	53/100	399	363	5.22	74			
	1825	53/100	375	361	5.10	78			
	2125	53/100	365	359	5.34	70			

Note any changes to the system

Date 5-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/12	0025	53/103	356	356	5.1	64°			
	0325	53/103	399	357	5.5	64°			
	0625	54/110	187	178	5.57	54°			
	925	54/110	186	182	5.14	68°			
	1216	54/105	189	186	5.18	82°			
	1507	54/102	197	186	5.21	89°			
	1758	54/102	214	189	5.15	87°			
	2049	54/103	197	190	5.38	76°			

Note any changes to the system

605 INC. KILN EXHAUST TO 54 HZ. BG

Date 5-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/13	2340	54/108	366	366	5.2	64°			
	0220	54/108	397	361	5.37	60°			
	0500	54/108	370	352	5.5	60°			
	0740	54/114	177	177	5.18	62°			
	1000	54/110	203	178	5.46	70°			
	1300	54/110	202	184	5.58	82°			
	1540	54/108	365	366	5.77	84°			
	1820	54/107	399	368	5.27	86°			
	2100	54/106	404	366	5.42	77°			

Note any changes to the system

Date 5-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/14	2340	54/108	365	366	5.2	72°			
	0220	54/107	399	365	5.2	66°			
	0500	54/107	386	361	5.36	64°			
	0740	54/108	388	363	5.5	64°			
	1020	54/107	406	368	5.30	76°			
	1300	54/109	386	370	5.22	84°			
	1530	54/105	417	368	5.44	77°			
	1800	54/103	381	359	5.64	65°			
	2030	54/100	406	354	5.38	59°			

Note any changes to the system

Date 5-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/15	2300	54/106	381	354	5.6	60°			
	0130	54/105	375	357	5.5	56°			
	0400	54/105	352	348	5.1	54°			
	0630	54/105	390	352	5.3	52°			
	0900	54/108	392	354	5.3	60°			
	1130	54/107	402	359	5.58	73°			
	1400	54/109	408	363	5.62	79°			
	1630	54/108	408	365	5.82	79°			
	1900	54/107	410	363	5.74	72°			
	2130	54/107	402	359	5.71	66°			

Note any changes to the system

Date 5-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/17	2224	54/106	402	361	5.6	56°			
	0048	54/108	381	363	5.2	54°			
	0312	54/106	404	359	5.5	46°			
	0536	54/106	366	356	5.4	40°			
	0800	54/110	357	354	5.12	43°			
	1024	54/112	361	345	5.46	48°			
	1248	54/112	375	352	5.25	55°			
	1512	54/110	397	359	5.08	60			
	1736	54/110	397	357	5.57	62			
	2000	54/115	374	350	5.64	62			

Note any changes to the system

Date 5-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/16	0000	54/106	390	357	5.5	56°			
	0230	54/105	375	359	5.4	46°			
	0500	54/106	374	356	5.3	50°			
	0730	54/109	392	354	5.53	50°			
	1000	54/110	374	354	5.54	55°			
	1230	54/110	375	361	5.11	64°			
	1500	54/110	401	366	5.66	70			
	1730	54/105	384	365	5.23	70			
	2000	54/105	372	368	5.25	68			

Note any changes to the system

Date 5-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-19	2306	54/105	175	171	5.06	48°			
	136	54/105	170	171	5.02	46°			
	406	54/110	191	174	5.36	46°			
	634	54/113	341	341	5.04	48°			
	0850	54/107	375	343	5.49	50°			
	1120	54/110	388	348	5.54	59°			
	1350	54/107	395	350	5.59	75°			
	1620	54/115	361	354	5.91	74			
	1850	54/110	397	357	5.63	69			
	2120	54/105	379	354	5.14	66			

Note any changes to the system

Date 5-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-20	2350	54/105	190	180	5.33	66°			
	220	54/105	197	179	5.35	64°			
	450	54/100	181	182	5.11	62°			
	720	54/108	388	359	5.32	67°			
	0950	54/107	393	357	5.26	68°			
	1224	54/102	408	366	5.33	74°			
	458	54/100	365	366	5.07	81			
	702	54/100	415	370	5.75	83			
	926	54/100	365	366	5.46	83			
	2150	54/105	404	365	5.71	76			

Note any changes to the system

Date 5-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-21	0014	54/100	184	185	5.33	72°			
	238	54/105	194	181	5.47	70°			
	502	54/100	204	178	5.62	58°			
	726	54/105	183	180	5.14	58°			
	950	54/105	179	180	5.13	55°			
	1208	54/110	350	395	5.47	60			
	1426	54/113	357	354	5.58	63			
	1644	54/109	358	347	5.49	63			
	1902	54/105	381	348	5.63	62			
	2120	54/109	390	348	5.43	57			

Note any changes to the system

Date 5-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5-22	2338	54/110	172	175	5.14	56°			
	156	54/105	182	174	5.32	55°			
	414	54/105	184	172	5.15	50°			
	632	54/110	174	174	5.14	50°			
	850	54/110	170	173	5.05	44°			
	1108	54/110	350	343	5.37	52			
	1326	54/110	350	338	5.53	57			
	1544	54/110	381	341	5.16	59			
	1802	54/110	339	337	5.57	59			
	2020	54/110	368	332	5.09	54			

Note any changes to the system

Date 5-23-20

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/23	2238	54/112	363	327	5.1	46'			
	0056	54/110	374	330	5.5	44'			
	0314	54/113	372	330	5.35	40'			
	0532	54/112	356	338	5.45	40'			
	0750	54/115	183	168	5.23	40°			
	1008	54/115	177	169	5.40	46°			
	1226	54/115	187	171	5.16	50°			
	1438	54/112	372	338	5.36	61			
	1650	54/110	356	339	5.50	55			
	1902	54/108	337	341	5.11	54			
	2114	54/116	335	332	5.53	50			

Note any changes to the system

Date 5-24-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/24	2326	54/110	357	329	5.48	48°			
	0138	54/112	341	330	5.05	44°			
	0350	54/110	359	329	5.17	42°			
	0602	54/115	160	163	5.21	36°			
	814	54/115	174	164	5.15	40°			
	1026	54/115	174	167	5.18	50°			
	1238	54/114	192	172	5.49	58°			
	1450	54/114	336	339	5.08	65			
	1702	54/100	361	339	5.49	65			
	1914	54/85	365	336	5.49	63			

Note any changes to the system

Date 5-25-22

Firemen

Before every charge, record the following readings for ~~#1~~ kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/25	2256	54/114	361	337	5.6	50°			
	0108	54/112	354	329	5.2	48°			
	0320	54/115	352	330	5.2	44			
	0532	54/115	365	330	5.27	42°			
	0744	54/115	187	167	5.01	44°			
	956	54/115	173	170	5.10	60°			
	1208	54/113	172	171	5.06	60°			
	1420	54/112	377	339	5.52	59			
	1632	54/107	343	343	5.14	60			
	1844	54/107	361	341	5.09	66			
	2056	54/116	341	347	5.13	64			

Note any changes to the system

Date 5-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/26	2308	54/115	195	174	5.4	56°			
	120	54/108	198	174	5.3	56°			
	332	54/105	201	176	5.5	60°			
	544	54/111	188	177	5.3	62°			
	756	54/110	173	174	5.19	64°			
	1008	54/110	199	174	5.23	65°			
	1220	54/110	197	175	5.53	70°			
	1432	54/110	379	345	5.64	74°			
	1644	54/108	356	350	5.55	65°			
	1856	54/109	357	348	5.15	65°			
	2108	54/106	352	352	5.15	63°			

Note any changes to the system

Date 5-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/27	2320	54/105	179	177	5.3	60°			
	132	54/105	176	178	5.1	"			
	344	54/105	188	176	5.4	"			
	556	54/105	182	175	5.2				
	811	54/110	180	176	5.40	60°			
	1023	54/114	199	179	5.57	62°			
	1235	54/110	182	177	5.12	64°			
	1447	54/107	358	347	5.16	63			
	1659	54/110	345	347	5.63	60			
	1911	54/109	392	348	5.45	60			
	2123	54/110	388	350	5.50	58			

Note any changes to the system

Date 5-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/28	2355	54/110	196	173	5.5	56°			
	147	54/110	178	175	5.2	54°			
	359	54/110	172	172	5.2	52°			
	611	54/110	171	174	5.1	48°			
	823	54/112	186	173	5.1	50°			
	1035	54/110	350	352	5.17	55			
	1247	54/110	393	352	5.35	64			
	1459	54/108	395	357	5.61	67			
	1711	54/110	374	350	5.41	69			
	1923	54/110	392	354	5.55	64			
	2135	54/107	381	352	5.17	62			

Note any changes to the system

Date 5-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/29	2347	54/110	196	178	5.2	58°			
	159	54/110	195	179	5.1	60°			
	411	54/110	180	180	5.1	59°			
	623	54/110	177	179	5	58°			
	835	54/108	198	180	5.2	60°			
	1047	54/110	401	359	5.15	67			
	1259	54/109	365	356	5.66	75			
	1511	54/110	381	361	5.23	82			
	1723	54/107	397	361	5.63	82			
	1935	54/105	368	357	5.40	78			
	2147	54/105	399	357	5.65	23			

Note any changes to the system

Date 5-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/30	2359	54/110	174	174	5.5	70°			
	423	54/110	176	178	5.3	68°			
	635	54/110	188	179	5.6	64°			
	0635	54/108	363	347	5.57	66°			
	0847	54/110	395	352	5.54	71°			
	1059	54/107	383	354	5.69	77°			
	1311	54/110	401	366	5.47	83°			
	1523	54/110	374	361	5.29	87			
	1735	54/109	404	361	5.56	88			
	1947	54/109	348	352	5.68	86			
	2159	54/108	392	352	5.50	76			

Note any changes to the system

Date 5-31-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/31	0011	54/108	390	357	5.43	74°			
	0223	54/108	399	357	5.71	74°			
	0435	54/108	377	359	5.25	70°			
	0647	54/112	356	356	5.07	69°			
	0859	54/113	372	356	5.37	75°			
	1111	54/113	390	350	5.56	81°			
	1323	54/115	352	354	5.26	86°			
	1515	54/108	348	352	5.50	90			
	1724	54/105	401	359	5.87	90			
	1933	54/108	383	352	5.51	89			
	2142	54/105	388	352	5.78	82			

Note any changes to the system

Date 6-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/1	2351	54/110	386	347	5.58	78°			
	0200	54/110	370	354	5.3	76°			
	0409	54/107	399	352	5.77	74			
	0618	54/110	178	178	5.26	72°			
	827	54/110	206	180	5.70	72°			
	1036	54/112	205	181	5.69	73°			
	1245	54/110	188	178	5.41	64°			
	1454	54/110	361	359	5.30	71			
	1703	54/106	395	356	5.67	75			
	1912	54/107	388	356	5.59	74			
	2121	54/107	401	357	5.72	69			

Note any changes to the system

Date 5-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-2	2330	54/110	188	177	5.34	58°			
	139	54/110	172	175	5.16	52°			
	348	54/108	179	174	5.17	52°			
	557	54/110	182	172	5.36	52°			
	806	54/115	359	339	5.57	53°			
	1015	54/114	343	343	5.12	54°			
	1224	54/114	381	343	5.44	64°			
	1433	54/113	368	350	5.44	76			
	1642	54/108	354	359	5.33	70			
	1851	54/108	356	356	5.25	74			
	2100	54/110	399	356	5.61	66			

Note any changes to the system

Date 6-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-3	2309	54/105	189	179	5.51	60°			
	118	54/105	176	179	5.14	55°			
	327	54/106	179	178	5.50	55°			
	536	54/108	196	178	5.56	52°			
	8[illegible]	54/114	379	341	5.56	59°			
	1030	54/115	347	347	5.19	67°			
	1239	54/114	356	345	5.20	71°			
	1448	54/110	348	354	5.45	76			
	1657	54.5/110	401	357	5.70	77			
	1906	54.5/110	383	356	5.72	72			
	2115	54.5/114	363	352	5.60	64			

Note any changes to the system

1/15 INC Exhaust Hz to 54.5 lbs

Date 6-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-4	2304	54.5/116	180	175	5.35	55°			
	133	54.5/110	182	174	5.59	52°			
	342	54.5/114	174	171	5.12	44°			
	537	54.5/110	192	171	5.52	42°			
	800	54.5/115	177	172	5.11	47°			
	1009	54.5/115	190	178	5.15	58°			
	1218	54.5/116	343	347	5.22	62			
	1427	54.5/115	365	347	5.56	65			
	1636	54.5/110	374	350	5.50	69			
	1845	54.5/110	392	352	5.26	68			
	2054	54.5/	356	356	5.18	64			

Note any changes to the system

Date 6-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-5	2303	54.5/105	175	177	5.15	58°			
	112	54.5/110	189	179	5.48	55°			
	321	54.5/112	197	178	5.57	54°			
	530	54.5/112	186	183	5.07	52°			
	739	54.5/110	187	182	5.20	52°			
	948	54.5/110	202	185	5.20	55°			
	1157	54.5/110	368	363	5.53	56			
	1406	54.5/110	374	361	4.94	60			
	1615	54.5/110	375	363	4.96	60			
	1824	54.5/110	359	359	5.14	63			
	2033	54.5/110	381	366	5.14	60			

Note any changes to the system

Date 6-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/6	2242	54.5/110	393	359	5.29	60°			
	0051	54.5/108	406	363	5.11	60°			
	0300	54.5/108	402	366	5.5	58°			
	0509	54.5/108	374	366	5.1	58°			
	0718	54.5/115	192	183	5.50	58°			
	927	54.5/110	187	187	4.99	62°			
	1136	54.5/110	199	187	5.34	68°			
	1345	54.5/108	204	189	5.49	64°			
	1554	54.5/107	359	366	5.15	69			
	1803	54.5/110	375	363	5.43	74			
	2012	54.5/110	406	366	5.57	71			

Note any changes to the system

Date 6-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/7	2221	54.5/106	390	368	5.25	68°			
	0050	54.5/108	361	365	5.21	66°			
	0239	54.5/108	375	366	5.26	64°			
	0448	54.5/108	381	366	5.25	60°			
	0657	54.5/110	210	[redacted]183	5.39	58°			
	906	54.5/115	209	184	5.51	52°			
	1115	54.5/114	212	190	5.40	56°			
	1324	54.5/110	203	190	5.74	44°			
	1533	54.5/108	422	383	5.30	68			
	739	54.5/110	370	368	5.26	68			
	1945	54.5/110	365	365	5.23	66			
	2151	54.5/106	416	370	5.52	58			

Note any changes to the system

Date 6-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/8	2357	54.5/108	390	370	5.2	52			
	0203	54.5/112	381	366	5.05	48			
	0409	54.5/112	392	366	5.43	46			
	0615	54.5/110	186	188	5.07	46°			
	821	54.5/115	212	188	5.49	54°			
	1027	54.5/108	214	190	5.25	62°			
	1233	54.5/106	214	191	5.37	65°			
	1439	54.5/110	379	317	5.27	67			
	1645	54.5/110	392	365	5.26	66			
	1851	54.5/109	377	365	5.15	56			
	2057	54.5/110	357	357	5.12	53			

Note any changes to the system

Date 6-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/9	2303	54.5/112	372	356	5.24	50°			
	0109	54.5/112	388	352	5.14	50°			
	0315	54.5/112	392	354	5.5	48°			
	0521	54.5/112	395	354	5.5	50°			
	0721	54.5/115	194	180	5.43	50°			
	933	54.5/114	193	182	5.37	54°			
	1139	54.5/112	201	179	5.58	60°			
	1345	54.5/[illegible]	204	180	5.54	68°			
	1551	54.5/110	368	361	5.22	69°			
	1757	54.5/110	357	354	5.23	61°			
	2003	54.5/112	345	348	5.29	63°			

Note any changes to the system

Date 6-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/10	2209	54.5/112	350	347	5.1	54°			
	0015	54.5/114	352	343	5.17	50°			
	0221	54.5/113	386	347	5.36	49°			
	0427	54.5/110	384	347	5.27	48°			
	[illegible]	54.5/105	200	202	5.18	64°			
	1309	54.5/110	190	175	5.38	70°			
	1600	54.5/112	374	339	5.64	71°			
	1840	54.5/112	377	338	5.58	69°			
	2120	54.5/112	374	323	5.35	62°			

Note any changes to the system

Date 6-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/11	0000	54.5/112	356	320	5.5	56°			
	0240	54.5/110	361	314	5.36	54°			
	0520	54.5/115	359	314	5.38	52°			
	0800	54.5/112	339	314	5.43	56°			
	1040	54.5/112	330	323	5.25	67°			
	1320	54/112	327	320	5.30	74°			
	1612	54/112	330	320	5.61	74°			
	1924	54/110	330	329	5.10	70°			

Note any changes to the system

CW exhaust 54 ht L

Date 6-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/12	2236	54/107	386	343	5.37	62°			
	0148	54/105	374	347	5.11	62°			
	0500	54/108	366	338	5.15	60°			
	0812	54/108	386	339	5.21	62°			
	1124	54/109	366	345	5.34	66°			
	1436	54/110	372	345	5.18	76°			
	1748	54/107	370	348	5.22	76°			
	2100	53.5/107	363	341	5.63	69°			

Note any changes to the system

slowed draft down to 53.5 per B.S.

Date 6-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/13	0012	53.5/110	377	338	5.17	62			
	0324	53.5/112	365	323	5.54	56			
	0636	53.5/117	361	323	5.51	51°			
	0940	53.5/118	330	329	5.11	64°			
	1236	53.5/111	368	379	5.17	76°			
	1527	53.5/110	36.3	342	5.55	83			
	1818	53.5/107	370	348	5.21	75			
	2109	53.5/106	341	327	5.43	72			

Note any changes to the system

Date 6-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/14	0000	53.5/105	347	323	5.27	68°			
	0251	53.5/108	348	318	5.31	60°			
	0542	53.5/108	356	318	5.55	60°			
	0833	53.5/110	356	320	5.32	65°			
	1109	53.5/109	352	323	5.56	76°			
	1349	53.5/108	339	329	5.41	81°			
	1629	53.5/106	359	317	5.60	84			
	1909	53.5/106	345	317	5.67	83			
	2149	53.5/105	321	321	5.64	75			

Note any changes to the system

Date 6-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
06/15	0029	53.5/107	341	323	5.43	72°			
	0309	53.5/105	363	323	5.60	70°			
	0549	53.5/107	366	327	5.42	68°			
	0829	53.5/110	350	329	5.37	75°			
	1059	53.5/105	191	169	5.70	84°			
	1329	53.5/110	181	169	5.47	90°			
	1559	53.5/105	348	337	5.71	95			
	1829	53.5/105	352	329	5.84	95°			
	2125	53.5/105	339	330	5.78	86			

Note any changes to the system

Date 6·16·22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6·16	2355	53.5/105	174	164	5.12	85°			
	225	53.5/104	167	168	5.23	82°			
	455	53.5/106	173	162	5.44	79°			
	0725	53.5/112	320	372	5.63	69°			
	0948	53.5/112	365	330	5.65	74°			
	1212	53.5/113	352	330	5.31	80°			
	1436	53.5/110	363	334	5.77	92°			
	1700	53.5/110	330	341	5.4	95°			
	1824	53.5/105	345	335	5.5	95°			
	2148	53.5/110	377	339	5.70	84			

Note any changes to the system

Date 6-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-17	0012	53.5/105	168	171	5.65	78°			
	236	53.5/105	183	172	5.52	70°			
	500	53.5/105	166	170	5.19	66°			
	724	53.5/105	350	348	5.29	64°			
	948	53.5/108	365	352	5.61	69°			
	1212	53.5/105	392	357	5.55	74°			
	1433	53.5/102	397	361	5.75	85			
	1654	53.5/105	395	361	5.63	80			
	1915	53.5/105	352	359	5.64	77			
	2136	53.5/105	395	354	5.65	67			

Note any changes to the system

Date 6-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-18	2357	53.5/105	188	174	5.46	60°			
	218	53.5/105	195	175	5.52	55°			
	439	53.5/105	191	173	5.57	54°			
	700	53.5/105	189	173	5.50	50°			
	921	53.5/105	174	172	5.26	54°			
	1142	53.5/110	348	356	5.26	58			
	1403	53.5/107	345	352	5.33	74			
	1624	53.5/107	352	355	5.65	67			
	1845	53.5/108	359	354	5.24	72			
	2106	53.5/106	370	354	5.29	66			

Note any changes to the system

Date 6-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-19	2327	53.5/105	201	179	5.36	58°			
	148	53.5/110	180	170	5.28	48°			
	409	53.5/110	191	173	5.49	46°			
	630	53.5/108	178	169	5.30	46°			
	851	53.5/105	171	172	5.11	50°			
	1112	53.5/107	379	341	5.60	64			
	1333	53.5/108	377	356	5.61	74			
	1554	53.5/109	397	361	5.67	76			
	1815	53.5/105	390	354	5.60	77			
	2036	53.5/106	343	352	5.37	72			

Note any changes to the system

Date 6-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/20	2257	53.5/107	392	356	5.59	68°			
	0118	53.5/108	374	348	5.64	66°			
	0339	53.5/107	375	347	5.11	60°			
	0600	53.5/104	202	180	5.24	60°			
	821	53.5/108	192	180	5.46	58°			
	1042	53.5/107	177	180	5.11	66°			
	1303	53.5/108	183	182	5.29	80°			
	1524	53.5/106	361	363	5.39	84°			
	1745	53.5/105	355	359	5.63	83°			
	2006	53.5/104	363	366	5.52	82°			

Note any changes to the system

Date 6-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/21	2227	53.5/102	397	359	5.5	70°			
	0048	53.5/103	384	363	5.28	68°			
	0309	53.5/103	372	352	5.3	68°			
	0530	53.5/105	377	354	5.4	69°			
	0751	53.5/106	380	360	5.3	70°			
	850	53.5/110	192	177	5.39	72°			
	1212	53.5/110	209	189	5.59	92°			
	1433	53.5/105	404	366	5.83	102°			
	1654	53.5/109	379	366	5.70	98°			
	1915	53.5/102	381	366	5.83	95°			
	2136	53.5/105	370	372	5.44	89°			

Note any changes to the system

Date 6-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/22	2357	53.5/102	372	370	5.2	86°			
	0218	53.5/101	368	370	5.1	86°			
	0439	53.5/104	383	372	5.3	80°			
	0700	53.5/105	189	187	5.49	76°			
	921	53.5/105	199	190	5.71	80°			
	1142	53.5/106	193	191	5.27	80°			
	1403	53.5/100	368	361	5.35	86°			
	1701	53.5/101	375	368	5.54	88°			
	1922	53.5/102	377	359	5.79	84°			
	2143	53.5/103	402	359	5.69	76°			

Note any changes to the system

Date 6-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/23	0004	53.5/104	384	361	5.5	70°			
	0225	53.5/106	377	357	5.25	62°			
	0446	53.5/105	361	352	5.2	58°			
	0707	53.5/110	178	179	5.18	55°			
	928	53.5/108	206	182	5.57	40°			
	1149	53.5/105	368	401	5.54	72			
	1410	53.5/110	354	359	5.71	82°			
	1631	53.5/110	354	357	5.68	84°			
	1852	53.5/101	397	363	5.75	86°			
	2118	53.5/108	374	352	5.69	47°			

Note any changes to the system

Date 6-24-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/24	2334	53.5/105	359	350	5.2	62°			
	0155	53.5/107	381	343	5.6	60°			
	0416	53.5/105	384	345	5.6	60°			
	0637	53.5/110	193	177	5.59	62°			
	858	53.5/105	198	180	5.63	68°			
	1119	53.5/105	125	179	5.49	76°			
	1390	53.5/105	206	183	5.70	85°			
	1601	54.5/112	397	359	5.61	88°			
	1822	54.5/112	393	361	5.71	90°			
	2043	54.5/108	399	359	5.48	83°			

Note any changes to the system

1600 Inc Exhaust drive to 54.5 Hz

Date 6-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/25	2304	54.5/110	374	356	5.3	76°			
	0125	54.5/108	366	350	5.3	70°			
	0346	54.5/107	375	350	5.34	68°			
	0607	54.5/110	375	348	5.38	66°			
	0828	54.5/113	379	359	5.64	72°			
	1049	54.5/113	392	350	5.67	81°			
	1310	54.5/112	357	363	5.60	89°			
	1544	54.5/108	401	359	5.40	88°			
	1824	54.5/107	393	356	5.40	85°			
	2104	54.5/107	402	361	5.34	80°			

Note any changes to the system

Date 6-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/26		54.5/							
	2344	54.5/110	379	365	5.41	70°			
	0224	54.5/110	366	363	5.64	70°			
	0504	54.5/105	361	365	5.66	70°			
	0844	54.5/105	363	365	5.55	72°			
	1144	54.5/107	377	365	5.44	77°			
	1424	54.5/108	377	365	5.49	86°			
	1704	54.5/107	404	363	5.30	80°			
	1944	54.5/108	384	354	5.41	75°			

Note any changes to the system

Date 6-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/27	2224	54.5/107	356	352	5.25	68°			
	0104	54.5/107	388	354	5.62	64°			
	0344	54.5/109	357	352	5.17	58°			
	0604	54.5/112	359	348	5.36	53°			
	0904	54.5/113	399	350	5.57	57°			
	1144	54.5/116	350	348	5.15	63°			
	1424	54.5/115	393	350	5.81	67			
	1704	54.5/113	350	350	5.23	69			
	1944	54.5/110	393	352	5.55	68			

Note any changes to the system

Date 6-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/28	2224	54.5/110	377	348	5.35	58°			
	0104	54.5/112	381	350	5.58	52°			
	0344	54.5/110	383	347	5.47	48°			
	0624	54.5/115	354	341	5.08	44°			
	0904	54.5/114	370	350	5.48	57°			
	1144	54.5/114	375	352	5.58	69°			
	1424	54.5/112	379	352	5.71	87			
	1704	54.5/110	378	357	5.22	82			
	1944	54.5/109	374	354	5.26	79			

Note any changes to the system

Date 6-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/29	2224	54.5/112	375	345	5.7	70°			
	0104	54.5/112	370	350	5.65	66°			
	0344	54.5/110	384	361	5.69	62°			
	0624	54.5/110	218	195	5.35	58°			
	904	54.5/110	219	195	5.57	60°			
	1144	54.5/108	222	209	5.25	66°			
	1421	54.5/110	417	382	5.54	75			
	1704	54.5/111	390	390	5.25	77			
	1944	54.5/106	404	386	5.45	80			
	[illegible]								
	[illegible]								

Note any changes to the system

Date 6-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-30	2214	54.5/106	188	190	5.35	68°			
	0044	54.5/107	204	183	5.62	66°			
	314	54.5/110	208	182	5.50	62°			
	544	54.5/115	206	181	5.39	64°			
	0814	54.5/112	346	357	5.23	70°			
	1038	54.5/112	348	354	5.52	79°			
	1302	54.5/114	392	361	5.75	86°			
	1526	54.5/114	365	361	5.32	89			
	1750	54.5/107	420	372	5.82	96			
	2014	54.5/109	406	359	5.69	87			

Note any changes to the system

Date 7-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-1-	0238	54.5/105	202	181	5.47	80°			
"	102	54.5/108	188	179	5.34	78°			
"	326	54.5/110	182	178	5.29	76°			
"	550	54.5/110	207	182	5.58	76°			
"	814	54.5/113	357	352	5.23	73°			
"	1038	54.5/112	370	354	5.51	76°			
"	1302	54.5/114	357	357	5.32	81°			
"	1526	54.5/110	368	363	5.36	86			
"	1756	54.5/110	368	359	5.26	82			
"	2014	54.5/109	404	359	5.52	76			
"									
"									

Note any changes to the system

Date 7-2-02

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-2	22.36	54.5/110	180	181	5.49	70°			
	102	54.5/108	187	181	5.34	60°			
	326	54.5/110	197	173	5.54	54°			
	550	54.5/112	185	176	5.43	58°			
	814	54.5/113	186	175	5.29	60°			
	1038	54.5/114	381	347	5.50	70			
	1302	54.5/116	348	352	5.31	76			
	1526	54.5/114	368	356	5.49	80			
	1750	54.5/110	386	350	5.77	80			
	2014	54.5/110	384	352	5.49	78			

Note any changes to the system

Date 7-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-3	2238	54.5/110	196	174	5.78	70°			
	102	55/112	179	173	5.29	60°			
	326	55/112	189	171	5.66	60°			
	538	55/110	177	168	5.32	58°			
	814	55/115	188	169	5.40	64°			
	1038	55/114	368	341	5.63	72			
	1302	55/115	354	348	5.72	80			
	1538	55/115	375	352	5.63	84			
	1750	55/116	393	352	5.63	85			
	2014	55/116	361	350	5.83	85			

Note any changes to the system

105 - Inc. draft to 55 HZ. JY

Date 7-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/4	2238	55/113	354	341	5.3	70°			
	0102	55/113	357	341	5.2	66°			
	0326	55/110	365	341	5.4	64°			
	0550	55/115	359	341	5.3	64°			
	0814	55/115	188	173	5.53	68°			
	1038	55/115	187	175	5.59	80°			
	1302	55/114	183	180	5.47	88°			
	1526	55/115	404	357	5.84	92			
	1750	55/116	356	357	5.51	87			
	2014	55/115	379	359	5.47	82			

Note any changes to the system

Date 7-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/5	2238	55/115	375	352	5.64	80°			
	0102	55/112	361	350	5.3	68°			
	0326	55/115	365	345	5.36	64°			
	0550	55/112	366	343	5.4	64°			
	0814	55/115	176	174	5.60	68°			
	1038	55/115	195	174	5.34	74°			
	1302	55/115	175	174	5.37	80°			
	1526	55/115	401	354	5.80	84°			
	1747	55/115	361	352	5.37	87°			
	2008	55/115	363	352	5.64	86°			

Note any changes to the system

Date 7-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/6	2229	55/113	386	352	5.6	76°			
	0050	55/112	377	345	5.3	72°			
	0311	55/112	357	345	5.4	68°			
	0532	55/112	357	348	5.3	66°			
	0753	55/114	198	177	5.39	68°			
	1014	55/115	198	180	5.57	68°			
	1235	55/114	195	180	5.48	75°			
	1500	55/117	352	352	5.21	72°			
	1730	55/115	377	356	5.43	74°			
	1954	55/112	356	354	5.25	72°			

Note any changes to the system

Date 7-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/7	2218	55/110	379	352	5.5	64°			
	0042	55/114	370	348	5.6	58°			
	0306	55/112	374	347	5.4	56°			
	0528	55/114	381	341	5.54	54°			
	0754	55/120	187	171	5.70	60°			
	1008	55/120	173	172	5.14	65°			
	1242	55/120	199	174	5.32	75°			
	1506	55/113	363	348	5.48	81°			
	1730	55/115	372	388	5.60	80°			
	1954	55/112	375	347	5.63	79°			

Note any changes to the system

Date 7-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/2	2248	55/112	381	345	5.77	70°			
	0042	55/112	366	348	5.52	66°			
	0306	55/112	372	343	5.57	66°			
	0530	55/114	383	347	5.61	64°			
7/4	[illegible]	55/115	186	182	5.33	67°			
	914	55/115	189	180	5.30	70°			
	1138	55/113	180	179	5.20	75°			
	1402	55/114	397	356	5.68	71°			
	1706	55/112	363	348	5.37	75°			
	1924	55/112	359	348	5.33	71°			
	2148	55/115	357	347	5.31	67°			

Note any changes to the system

Date 7-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/9	0012	55/114	386	343	5.55	58°			
	0236	55/114	363	343	5.4	50°			
	0500	55/115	361	341	5.4	50°			
	0724	55/118	386	343	5.46	50°			
	0948	55/120	359	345	5.2	64°			
	1212	55/115	205	180	5.1	72°			
	1436	55/115	184	179	5.2	88°			
	1700	55/112	185	181	5.2	78°			
	1924	55/113	195	177	5.6	74°			
	2148	55/115	185	172	5.5	62°			

Note any changes to the system

Date 7-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/10	0012	55/112	386	341	5.2	55°			
	0236	55/114	366	343	5.5	50°			
	0500	55/114	370	343	5.3	48°			
	0724	55/114	377	339	5.4	50°			
	0948	55/114	372	343	5.5	60°			
	1212	55/115	386	348	5.49	73°			
	1436	55/118	363	350	5.25	89°			
	1700	55/117	393	352	5.79	81°			
	1924	55/113	343	354	5.56	80°			
	2148	55/111	393	352	5.73	73°			

Note any changes to the system

Date 7-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/11	0012	55/112	366	348	5.3	66'			
	0236	55/112	370	348	5.52	64'			
	0500	55/115	388	348	5.62	64			
	0724	55/114	397	354	5.30	65°			
	0948	55/113	401	356	5.58	73°			
	1212	55/113	388	356	5.62	79°			
	1436	55/113	354	354	5.48	78			
	1700	55/107	375	354	5.41	78			
	1924	55/107	363	350	5.27	78			
	2148	55/110	393	348	5.78	77			

Note any changes to the system

Date 7-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/12	0012	55/105	370	345	5.24	64°			
	0236	55/107	366	347	5.34	64°			
	0500	55/109	388	343	5.5	62°			
	0724	55/115	365	338	5.55	63°			
	0948	55/115	374	341	5.31	65°			
	1212	55/117	370	347	5.65	70°			
	1436	55/115	388	352	5.70	77			
	1700	55/110	345	348	5.41	77			
	1924	55/114	345	348	5.25	75			
	2148	55/114	393	347	5.70	69			

Note any changes to the system

Date 7-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/13	0017	55/112	274	341	5.4	62°			
	0236	55/114	381	345	5.42	58°			
	0500	55/110	365	345	5.26	58°			
	0724	55/114	201	175	5.54	58°			
	948	55/114	197	174	5.58	62°			
	1212	55/112	189	174	5.34	64°			
	1436	55/115	384	345	5.36	77			
	2700	55/116	361	339	5.32	72			
	1924	55/116	347	343	5.35	74			
	2148	55/112	375	341	5.38	65			

Note any changes to the system

Date 7-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-14-22	0012	55/112	374	338	5.53	60°			
	0236	55/115	370	329	5.36	55°			
	0500	55/114	345	330	5.50	53°			
	0724	55/118	356	333	5.28	54°			
	0948	55/120	370	338	5.47	63°			
	1212	55/118	392	350	5.50	69°			
	1436	55/116	402	357	5.20	85			
	1700	55/113	363	357	5.36	77			
	1924	55/113	381	354	5.36	77			
	2148	55/112	397	343	5.44	65			

Note any changes to the system

Date 7-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-15	0012	55/110	179	172	5.26	60°			
	234	55/112	173	172	5.13	60°			
	500	55/110	171	171	5.23	58°			
	0724	55/117	343	339	5.10	61°			
	0948	55/113	363	347	5.34	69°			
	1212	55/113	392	348	5.55	77°			
	1436	55/115	386	356	5.65	82			
	1700	55/115	352	354	5.21	75			
	1924	55/112	343	343	5.28	66			
	2148	55/111	363	341	5.26	60			

Note any changes to the system

Date 7-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-16	0012	55/115	184	173	5.37	64°			
	236	55/110	178	170	5.29	62°			
	500	55/110	184	173	5.48	60°			
	724	55/112	197	171	5.51	60°			
	948	55/114	198	173	5.49	60°			
	1212	55/113	379	352	5.59	75			
	1436	55/114	374	356	5.41	82			
	1700	55/112	368	359	5.58	77			
7-17	1924	55/112	368	365	5.52	74			
	2148	55/114	367	365	5.50	74			

Note any changes to the system

Date 7-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-17	2350	55/110	193	179	5.36	68°			
	214	55/112	200	177	5.40	66°			
	438	55/115	185	176	5.19	65°			
	702	55/110	189	180	5.35	62°			
	926	55/112	183	175	5.57	64°			
	1150	55/115	356	354	5.21	80			
	1414	55/113	355	354	5.61	84			
	1638	55/115	353	357	5.70	83			
	1902	55/115	376	348	5.72	77			
	2126	55/115	339	348	5.32	73			

Note any changes to the system

Date 7-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/18	2350	55/114	366	331	5.7	70°			
	0214	55/115	370	327	5.7	68°			
	0438	55/114	370	338	5.5	66°			
	0702	55/116	189	164	5.66	66°			
	926	55/120	175	167	5.41	70°			
	1150	55/120	189	174	5.70	78°			
	1414	55/116	364	348	5.67	91			
	1638	55/112	359	354	5.44	87			
	1902	55/112	360	356	5.62	87			
	2126	55/114	357	352	5.51	80			

Note any changes to the system

Date 7-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/19	2350	55/116	390	345	5.5	74°			
	0214	55/114	365	341	5.5	72°			
	0438	55/115	375	345	5.7	70°			
	0822	54/105	175	175	5.34	70°			
	1150	54/108	188	178	5.51	88°			
	1414	54/110	180	181	5.54	97			
	1639	54/109	205	185	5.86	90			
	1902	54/105	208	183	5.76	88			
	2126	54/105	191	180	5.48	86			

Note any changes to the system

455 SLOWED KILN EXHAUST DOWN TO 54 HZ. RG

Date 7-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/20	2350	54/108	368	348	5.7	76			
	0214	54/108	372	350	5.65	74			
	0438	54/108	377	350	5.69	74			
	0702	54/110	183	175	5.40	74°			
	926	54/110	198	178	5.30	78°			
	1150	54/104	188	181	5.36	88°			
	1414	54/107	206	181	5.49	95			
	1638	54/103	196	180	5.72	88			
	1902	54/105	202	177	5.77	82			
	2126	54/107	177	177	5.52	78			

Note any changes to the system

Date 7-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/21	2350	54/105	374	348	5.75	76°			
	0214	54/105	384	345	5.7	70°			
	0438	54/105	383	350	5.6	68°			
	0702	54/110	179	174	5.48	68°			
	926	54/108	199	176	5.26	72°			
	1150	54/106	198	176	5.71	80°			
	1414	54/112	352	352	5.30	89°			
	1638	54/107	388	352	5.46	88°			
	1854	53/100	384	357	5.58	87°			
	2120	53/100	377	354	5.57	81°			

Note any changes to the system

cut exhaust drive to 53 Hz Per RS. J.S.

Date 7-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/22	2341	53/102	388	352	5.6	74°			
	0202	53/102	372	347	5.3	72°			
	0423	53/102	374	348	5.53	68°			
	0644	53/105	175	176	5.25	66°			
	905	53/102	177	174	5.53	70°			
	1124	53/105	193	182	5.35	80°			
	1347	53/100	194	180	5.42	85°			
	1608	53/100	406	361	5.79	88°			
	1829	53/103	401	356	5.57	89°			
	2050	53/102	395	356	5.37	83°			

Note any changes to the system

Date 7-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/23	2311	53/100	390	356	5.7	76°			
	0132	53/100	366	361	5.3	74°			
	0353	53/102	392	361	5.7	74°			
	0614	53/102	386	357	5.54	72°			
	0835	53/102	383	357	5.2	72°			
	1056	53/104	397	354	5.62	76°			
	1317	53/105	388	350	5.35	83°			
	1538	53/105	388	348	5.78	88°			
	1759	53/103	375	350	5.53	89°			
	2020	53/102	379	352	5.76	86°			

Note any changes to the system

Date 7-24-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/24	2241	53/ 103	361	348	5.3	80°			
	0102	53/ 102	384	341	5.2	66°			
	0323	53/ 103	374	341	5.4	64°			
	0544	53/ 102	370	339	5.5	64°			
	0805	53/ 102	384	337	5.6	64°			
	1026	53/100	374	333	5.17	71°			
	1247	53/103	381	333	5.60	79°			
	1508	53/ 102	342	333	5.36	81°			
	1729	53/100	384	340	5.48	77°			
	1950	53/102	359	334	5.41	74°			

Note any changes to the system

Date 7-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/25	2211	53/102	365	337	5.5	70°			
	0032	53/102	365	335	5.5	68°			
	0253	53/103	374	337	5.4	64°			
	0514	53/103	363	331	5.4	58°			
	0735	53/105	345	330	5.26	57°			
	0956	53/104	327	330	5.18	61°			
	1217	53/106	370	333	5.36	66°			
	1609	53/105	186	174	5.49	70			
	1933	53/104	190	173	5.59	70			

Note any changes to the system

Date 7-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-26	2257	53/102	368	335	5.33	60°			
	0221	53/102	374	332	5.58	56°			
	0545	53/104	370	332	5.5	54°			
	0840	53/106	365	332	5.44	59°			
	1056	53/103	379	335	5.16	67°			
	1220	53/107	354	335	4.62	72°			
	1544	54/109	173	174	5.31	77			
	1808	54/110	180	173	5.46	76			
	2032	54/108	169	169	5.30	72			

Note any changes to the system

Inc exhaust to 54 Hz Per B.S. J.S.

Date 7-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/27	2256	54/108	372	332	5.64	62°			
	0120	54/108	372	330	5.61	62°			
	0344	54/108	374	330	5.61	62°			
	0608	54/110	165	164	5.32	60°			
	832	54/110	174	166	5.54	64°			
	1056	54/108	182	167	5.59	67°			
	1320	54/110	184	170	5.63	70°			
	1540	54/112	169	170	5.20	80			
	1758	54/110	182	170	5.54	80			
	2016	54/109	192	171	5.74	78			

Note any changes to the system

Date 7-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-28	2234	54/104	178	167	5.57	72°			
	0052	54/108	181	164	5.69	70°			
	310	54/110	160	163	5.20	66°			
	528	54/105	167	164	5.27	46°			
	0746	54/112	374	330	5.62	67°			
	1004	54/112	343	329	5.64	69°			
	1222	54/112	347	338	5.67	74°			
	1438	54/110	187	166	5.39	78			
	1656	54/110	185	167	5.62	78			
	1914	54/110	187	164	5.65	76			
	2132	54/109	168	164	5.50	69			

Note any changes to the system

222
218
140

Date 7-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-29	2350	54/110	173	164	5.34	62°			
	208	54/110	180	165	5.23	60°			
	426	54/108	185	167	5.63	58°			
	0644	54/110	374	345	5.55	57°			
	902	54/108	356	338	5.46	64°			
	1115	54/108	388	350	5.65	70°			
	1330	54/110	384	350	5.67	72°			
	1545	54/110	179	181	5.53	76			
	1900	54/107	177	180	5.29	76			
	2015	54/110	195	177	5.68	74			

Note any changes to the system

Date 7-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-30	2230	54/108	198	178	5.63	68°			
	0045	54/106	192	174	5.65	66°			
	300	54/105	195	174	5.30	58°			
	515	54/105	192	174	5.36	58°			
	730	54/110	174	175	5.13	56°			
	945	54/110	192	176	5.59	65°			
	1202	54/109	185	179	5.29	72			
	1423	54/110	201	178	5.71	87			
	1644	54/109	199	178	5.76	85			
	1905	54/109	188	179	5.34	81			
	2126	54/108	195	177	5.75	70			

Note any changes to the system

Date 7-31-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-31	2347	54/104	176	172	5.30	65°			
	208	54/108	170	169	5.46	60°			
	429	54/105	175	169	5.20	60°			
	650	54/106	184	169	5.62	60°			
	911	54/108	189	170	5.57	68°			
	1123	54/110	171	176	5.23	77			
	1341	54/110	179	182	5.34	82			
	1559	54/110	189	181	5.40	84			
	1814	54/110	177	181	5.39	83			
	2029	54/108	199	180	5.79	80			

Note any changes to the system

Date 8-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/1	2244	54/106	363	354	5.3	72°			
	0059	54/105	366	352	5.37	70°			
	0314	54/107	374	352	5.21	66°			
	0529	54/107	383	348	5.44	66°			
	0744	54/110	392	350	5.62	67°			
	0959	54/109	361	357	5.26	72°			
	1214	54/108	401	359	5.57	74°			
	1429	54/105	193	184	5.39	80			
	1644	54/104	196	187	5.69	82			
	1859	54/105	190	187	5.36	80			
	2114	54/105	207	185	5.76	77			

Note any changes to the system

Date 8-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/2	2329	54/104	377	363	5.35	72°			
	0144	54/103	368	357	5.4	66°			
	0359	54/105	368	357	5.47	60°			
	0614	54/105	359	357	5.58	60°			
	829	54/106	191	180	5.24	60°			
	1044	54/108	199	178	5.38	66°			
	1259	54/107	202	181	5.70	70°			
	1514	54/109	181	183	5.42	75			
	1726	54/105	197	183	5.60	79			
	1938	54/107	195	179	5.76	79			
	2150	54/106	190	176	5.49	68			

Note any changes to the system

Date 5-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/3	0002	54/108	375	347	5.66	68°			
	0214	54/108	363	341	5.41	68°			
	0426	54/107	366	339	5.4	68°			
	0638	54/110	368	339	5.48	69°			
	0850	54/111	361	341	5.47	71°			
	1102	54/109	372	341	5.62	78°			
	1314	54/110	356	345	5.57	85°			
	1526	54/103	172	176	5.44	98			
	1824	54/103	372	170	5.34	70°			
		54/103	345	171	5.17	70°			

Note any changes to the system

Date 8-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/4	2248	54/107	374	341	5.62	70°			
	0100	54/107	384	341	5.60	70°			
	0312	54/104	363	339	5.5	70°			
	0524	54/105	368	339	5.3	70°			
	0736	54/108	361	347	5.6	70°			
	0948	54/108	356	350	5.7	74°			
	12:00	54/108	377	356	5.7	78°			
	1412	54/108	359	357	5.2	80°			
	1624	54/104	365	339	5.61	75°			
	1836	54/105	343	343	5.28	79°			
	2048	54/105	345	345	5.29	73°			

Note any changes to the system

Date 8-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/5	2300	54/105	375	350	5.7	74°			
	0112	54/105	368	352	5.6	72°			
	0324	54/103	370	354	5.4	70°			
	0536	54/107	374	352	5.6	68°			
	0748	54/106	381	357	5.17	66°			
	1000	54/110	381	359	5.27	68°			
	1212	54/105	365	361	5.27	75°			
	1424	54/107	392	372	5.48	80°			
	1636	54/105	365	372	5.3	82°			
	1848	54/105	401	368	5.36	86°			
	2100	54/105	399	368	5.4	80			

Note any changes to the system

Date 8-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/6	2312	54/106	388	359	5.7	74°			
	0124	54/107	390	359	5.68	74°			
	0336	54/107	370	357	5.36	72°			
	~~[illegible]~~	~~54~~							
	~~[illegible]~~	~~[illegible]~~							
	~~[illegible]~~								
	0827	54/106	381	356	5.28	72°			
	1039	54/105	392	359	5.25	80°			
	1251	54/104	374	365	5.44	88°			
	1503	54/105	408	363	5.63	92°			
	1715	54/105	368	365	5.4	92°			
	1927	54/105	399	361	5.6	88°			
	2139	54/105	402	365	5.6	80°			

Note any changes to the system

#1 TRANSFER DRIVE QUIT WORKING

Date 8-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/7	2233	54/105	386	357	5.66	80°			
	0045	54/107	370	352	5.56	76°			
	0257	54/107	388	350	5.68	76°			
	0509	54/106	365	354	5.3	74°			
	0721	54/106	383	354	5.66	74°			
	0933	54/106	375	357	5.5	80°			
	1142	54/108	401	359	5.66	84°			
	1354	54/109	395	357	5.78	85°			
	1606	54/102	397	348	5.55	71°			
	1818	54/105	357	354	5.19	76°			
	2030	54/106	357	356	5.24	74°			

Note any changes to the system

Date 8-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/8	2242	54/106	402	359	5.42	72°			
	0054	54/105	388	363	5.67	72°			
	0306	54/107	388	359	5.52	70°			
	0518	54/107	377	354	5.62	70°			
	0730	54/111	352	354	5.24	71°			
	0942	54/107	397	356	5.40	75°			
	1154	54/109	395	359	5.68	81°			
	1400	54/107	401	361	5.74	80°			
	1609	54/125	205	183	5.62	83			
	1818	54/125	192	181	5.30	76			
	2027	54/106	202	156	5.70	70			

Note any changes to the system

Date 8-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/9	2236	54/106	392	356	5.69	66°			
	0045	54/107	381	350	5.4	64°			
	0254	54/106	381	352	5.63	60°			
	0503	54/106	384	348	5.60	56°			
	0712	54/112	381	345	5.25	55°			
	0921	54/112	384	345	5.14	59°			
	1130	54/113	386	345	5.35	64°			
	1339	54/114	363	347	5.30	68°			
	1548	54/110	175	180	5.24	72			
	1757	54/107	178	177	5.23	72			
	2006	54/110	180	177	5.39	70			

Note any changes to the system

Date 8-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/10	2215	54/108	379	341	5.5	60°			
	0024	54/109	366	341	5.31	56°			
	0233	54/107	379	343	5.47	56°			
	0442	54/108	366	330	5.50	56°			
	0648	54/114	374	332	5.48	53°			
	0855	54/112	347	337	5.35	62°			
	1100	54/112	330	336	5.30	68°			
	1306	54/113	381	343	5.66	74°			
	1512	54/114	186	176	5.60	77			
	1718	54/115	183	176	5.68	80			
	1924	54/109	175	178	5.24	80			
	2130	54/110	197	177	5.69	72			

Note any changes to the system

Date 8-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/11	2336	54/107	192	175	5.4	70°			
	142	54/110	179	177	5.6	66°			
	348	54/110	179	179	5.2	64°			
	554	54/108	177	179	5.1	11			
	0800	54/113	381	341	5.22	60°			
	1006	54/112	375	347	5.29	63°			
	1212	54/112	393	352	5.37	69°			
	1418	54/107	190	179	5.40	80			
	1624	54/110	203	180	5.72	72			
	1830	54/109	178	181	5.26	72			
	2036	54/107	197	176	5.59	65			

Note any changes to the system

Date 8-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/12	2242	54/110	384	345	5.6	56°			
	0048	54/108	383	341	5.44	52°			
	0254	54/108	381	339	5.39	50°			
	0500	54/108	345	336	5.1	48°			
	0706	54/113	374	339	5.08	48°			
	0912	55/120	354	339	5.12	55°			
	1118	55/121	357	345	5.30	64°			
	1324	55/122	388	348	5.43	71°			
	1530	55/115	173	177	5.28	83			
	1736	55/115	186	176	5.46	73			
	1942	55/117	190	176	5.69	70			
	2148	55/110	180	175	5.28	60			

Note any changes to the system

speed exhaust to 55 Hz J.S.

Date 8-13-12

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/13	2354	55/112	350	343	5.17	57°			
	0200	55/113	366	343	5.44	53°			
	0406	55/115	343	341	5.36	54°			
	0612	55/114	352	345	5.09	52°			
	0818	55/114	384	345	5.56	57°			
	1024	55/115	175	176	5.10	60			
	1230	55/116	185	175	5.58	60			
	1436	55/115	173	177	5.19	60			
	1642	55/116	197	174	5.50	58			
	1848	55/115	173	172	5.07	57			
	2054	55/115	194	172	5.31	57			

Note any changes to the system

Date 8-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-14	2100	55/115	192	174	5.4	58°			
	106	55/115	192	172	5.4	56°			
	312	55/115	188	173	5.0	56°			
	518	55/110	185	173	5.5	58°			
	724	55/110	194	172	5.5	60°			
	930	55/110	175	175	5.5	62			
	1136	55/114	195	175	5.48	72			
	1342	55/112	194	173	5.56	70			
	1548	55/110	193	173	5.62	66			
	1754	55/110	168	171	5.14	64			
	2000	55/112	194	171	5.57	69			

Note any changes to the system

Date 8-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-15-22	2206	55/112	332	338	5.22	63°			
	0012	55/112	379	341	5.2	60°			
	0218	55/112	375	341	5.56	60°			
	0424	55/112	375	339	5.27	54°			
	0630	55/116	182	172	5.2	52°			
	836	55/121	193	172	5.5	58°			
	1042	55/120	154	173	5.6	64°			
	1248	55/120	182	177	5.4	64°			
	1454	55/118	350	350	5.25	81°			
	1700	55/114	379	347	5.69	71°			
	1906	55/117	386	354	5.73	75°			
	2112	55/117	348	348	5.50	65°			

Note any changes to the system

Date 8-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-16	2318	55.5/117	388	350	5.4	58°			
	0124	55.5/117	383	345	5.5	54°			
	0330	55.5/115	374	343	5.4	52°			
	0536	55.5/118	372	347	5.5	50°			
	0742	55.5/118	374	352	5.40	50°			
	948	55.5/115	190	174	5.30	62°			
	1154	55.5/120	187	182	5.30	70°			
	1400	55.5/120	199	184	5.50	88°			
	1606	55.5/117	359	357	5.41	77°			
	1812	55.5/115	370	361	5.56	75°			
	2018	55.5/115	397	357	5.49	69°			

Note any changes to the system

Date 8-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/17	2224	55.5/117	370	354	5.3	60°			
	0030	55.5/116	370	354	5.5	58°			
	0236	55.5/116	368	348	5.34	56°			
	0442	55.5/117	374	347	5.5	54°			
	0648	55.5/120	186	174	5.52	54°			
	0852	55.5/120	175	174	5.16	58°			
	1100	55.5/120	179	178	5.41	46°			
	1306	55.5/125	185	174	5.53	75°			
	1512	55.5/120	350	341	5.79	79°			
	1718	55.5/120	366	332	5.70	78°			
	1924	55.5/122	341	327	5.42	76°			
	2130	55.5/120	321	321	5.55	65°			

Note any changes to the system

Date 8-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/18	2336	55.5/120	365	325	5.5	60'			
	0142	55.5/119	368	327	5.5	56'			
	0348	55.5/119	368	329	5.56	54'			
	0554	55.5/120	356	329	5.4	54'			
	0800	55.5/120	170	169	5.18	56°			
	1053	55.5/120	176	171	5.23	70°			
	1305	55.5/120	181	172	5.40	78°			
	1578	55.5/118	388	347	5.71	85°			
	1730	55.5/115	384	343	5.74	80°			
	1942	55.5/117	352	343	5.38	77°			
	2154	55.5/115	374	345	5.69	67°			

Note any changes to the system

Date 8-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/19	0006	55.5/115	379	343	5.57	60°			
	0218	55.5/115	366	343	5.5	60°			
	0430	55.5/114	375	343	5.47	56°			
	0642	55.5/118	184	173	5.48	55°			
	854	55.5/118	194	174	5.57	64°			
	1108	55.5/116	200	177	5.64	76°			
	1312	55.5/120	180	181	5.19	80°			
	1521	55.5/118	375	359	5.70	80°			
	1730	55.5/115	381	357	5.69	80°			
	1939	55.5/115	381	356	5.65	79°			
	2148	55.5/113	399	357	5.49	67°			

Note any changes to the system

Date 8-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/20	2357	55.5/115	372	354	5.6	64'			
	0204	55.5/115	379	357	5.3	66'			
	0415	55.5/115	383	359	5.6	64'			
	0624	55.5/114	359	359	5.2	64'			
	0833	55.5/115	386	365	5.6	68'			
	1042	55.5/114	384	365	5.35	75°			
	1251	55.5/111	381	366	5.41	78°			
	1500	55.5/114	413	372	5.31	88°			
	1709	55.5/112	368	356	5.21	76°			
	1918	55.5/113	363	354	5.38	75°			
	2127	55.5/113	365	350	5.19	66°			

Note any changes to the system

Date 8-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/21	2336	55.5/116	384	348	5.43	64°			
	0145	55.5/115	374	348	5.5	60°			
	0354	55.5/114	375	348	5.6	62°			
	0603	55.5/115	384	352	5.46	62°			
	0812	55.5/115	395	346	5.5	62°			
	1021	55.5/117	356	343	5.57	63°			
	1230	55.5/115	379	347	5.41	73°			
	1439	55.5/117	354	354	5.51	74°			
	1648	55.5/117	390	348	5.43	76°			
	1857	55.5/115	390	347	5.48	65°			
	2106	55.5/115	372	348	5.37	64°			

Note any changes to the system

Date 8-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/22	2315	55.5/114	377	346	5.67	62°			
	0124	55.5/115	384	342	5.3	60°			
	0333	55.5/116	377	344	5.6	60°			
	0542	55.5/115	374	342	5.45	60°			
	0748	55.5/120	361	347	5.37	61°			
	0954	55.5/121	384	344	5.43	62°			
	1200	55.5/123	386	342	5.69	69°			
	1406	55.5/118	361	352	5.36	77°			
	1612	55.5/122	193	178	5.72	77			
	1819	55.5/117	204	179	5.81	77			
	2024	55.5/113	195	178	5.64	72			

Note any changes to the system

Date 8-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/23	2230	55.5/116	375	350	5.5	64°			
	0036	55.5/115	388	346	5.2	60°			
	0242	55.5/115	372	348	5.3	58°			
	0448	55.5/114	363	343	5.3	56°			
	0654	55.5/118	377	343	5.37	53°			
	0900	55.5/118	356	348	5.39	58°			
	1106	55.5/118	374	350	5.57	67°			
	1312	55.5/120	365	352	5.25	74°			
	1518	55.5/120	206	181	5.79	82			
	1724	55.5/112	205	185	5.83	77			
	1930	55.5/114	181	184	5.33	77			
	2136	55.5/113	205	181	5.23	67			

Note any changes to the system

Date 8-24-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/24	2342	55.5/115	365	356	5.3	64°			
	0148	55.5/115	381	356	5.58	64°			
	0354	55.5/114	379	357	5.6	60°			
	0600	55.5/115	189	178	5.60	58°			
	806	55.5/118	200	179	5.51	60°			
	1012	55.5/115	200	181	5.33	70°			
	1218	55.5/118	179	181	5.34	78°			
	1424	55.5/120	201	185	5.52	96			
	1630	55.5/116	205	184	5.52	85			
	1836	55.5/120	179	182	5.35	84			
	2042	55.5/120	155	150	5.48	70			

Note any changes to the system

Date 8-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-25	2248	55.5/125	175	176	5.41	66°			
	0054	55.5/118	201	176	5.47	60°			
	300	55.5/115	198	175	5.48	58°			
	504	55.5/115	174	174	5.21	56°			
	0712	55.5/118	347	348	5.19	59°			
	0918	55.5/118	384	345	5.62	67°			
	1124	55.5/117	375	347	5.41	73°			
	1330	55.5/120	383	348	5.50	79°			
	1536	55.5/115	179	176	5.74	79			
	1742	55.5/116	176	173	5.28	74			
	1948	55.5/114	173	172	5.42	70			
	2154	55.5/115	167	170	5.52	68°			

Note any changes to the system

Date 8-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-26	000	55.5/114	169	171	5.21	67°			
	0206	55.5/114	167	169	5.29	67°			
	0412	55.5/114	190	170	5.68	64°			
	0618	55.5/115	186	168	5.72	62°			
	0824	55.5/122	375	334	5.71	63°			
	1030	55.5/124	366	327	5.70	63°			
	1236	55.5/124	370	330	5.67	66°			
	1442	55.5/120	176	176	5.50	70			
	1648	55.5/117	194	172	5.78	71			
	1854	55.5/119	166	171	5.30	71			
	2100	55.5/120	161	169	5.24	63			

Note any changes to the system

Date 8-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/27	2306	55.5/118	370	329	5.64	57°			
	0112	55.5/118	368	332	5.64	55°			
	0318	55.5/118	352	332	5.62	55°			
	0524	55.5/120	368	329	5.12	52°			
	0730	55.5/119	368	329	5.55	52°			
	0936	55.5/118	352	329	5.16	60°			
	1142	55.5/121	162	165	5.28	69			
	1348	55.5/119	179	172	5.56	78			
	1554	55.5/121	185	174	5.62	80			
	1800	55.5/116	193	173	5.89	82			
	2006	55.5/120	173	172	5.45	70			
	2212	55.5/120	194	171	5.83	68°			

Note any changes to the system

Date 8-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-28	0018	555/120	190	167	5.71	64°			
	0224	555/117	171	169	5.59	60°			
	0450	555/120	186	166	5.78	58°			
	0636	555/120	186	166	5.73	58°			
	0842	555/120	180	166	5.80	60°			
	1048	555/121	183	169	5.92	73			
	1254	555/116	166	170	5.90	82			
	1500	555/115	195	172	5.90	86			
	1706	555/115	172	174	5.86	86			
	1912	555/116	193	175	5.54	84			
	2118	555/116	174	171	5.97	80			

Note any changes to the system

Date 8-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/29	2324	55.5/116	381	339	5.9	80°			
	0130	55.5/117	356	341	5.96	78°			
	0336	55.5/116	386	341	6.4	72°			
	0542	55.5/117	359	339	5.7	70°			
	0748	55.5/120	185	175	5.40	68°			
	9~~54~~ 1344	55.5/119	190	181	5.44	77°			
	~~1220~~ 1330	55.5/116	183	173	5.43	80°			
	1~~400~~	55.5/114	183	175	5.41	82			
	1536	55.5/110	186	175	5.46	83			
	1742	55.5/119	179	167	5.41	64			
	1948	55.5/113	180	169	5.41	67			
	2154	55.5/110	181	170	5.36	65			

Note any changes to the system

Date 8-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/30	0000	55.5/114	359	340	5.38	66°			
	0206	55.5/113	354	336	5.36	66°			
	0412	55.5/112	359	340	5.38	66°			
	0618	55.5/115	184	173	5.37	66°			
	824	55.5/112	179	169	5.35	65°			
	1030	55.5/115	180	170	5.39	70°			
	1242	55.5/112	181	170	5.44	70°			
	1454	55.5/[illegible]	182	172	5.46	75			
	1706	55.5/115	186	174	5.45	71			
	1918	55.5/114	184	176	5.43	70			
	2130	55.5/[illegible]	179	170	5.41	64			

Note any changes to the system

Date 8-31-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/31	2342	55.5/117	354	336	5.35	60°			
	0154	55.5/115	352	334	5.33	56°			
	0406	55.5/116	357	338	5.36	56°			
	0618	55.5/120	181	170	5.36	55°			
	830	55.5/120	179	170	5.30	60°			
	1042	55.5/118	181	172	5.42	70°			
	1254	55.5/116	183	173	5.55	74°			
	2506	55.5/115	187	176	5.56	78			
	1718	55.5/120	185	175	5.58	78			
	1930	55.5/119	186	175	5.58	75			
	2142	55.5/120	185	174	5.54	68			

Note any changes to the system

Date 9-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/1	2354	55.5/118	363	344	5.48	64°			
	0206	55.5/118	357	342	5.5	60°			
	0418	55.5/118	359	338	5.46	58°			
	0630	55.5/116	179	169	5.47	52°			
	842	55.5/120	183	171	5.48	58°			
	1054	55.5/120	185	173	5.52	66°			
	1206	55.5/118	187	177	5.42	75°			
	1518	55.5/122	370	350	5.67	81°			
	1730	55.5/120	365	348	5.70	81°			
	1942	55.5/121	361	344	5.66	77°			
	~~2154~~	~~55~~							

Note any changes to the system

Date 9-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/2	2318	55.5/116	375	350	5.5	68°			
	0130	55.5/115	370	350	5.59	66°			
	0342	55.5/116	366	346	5.56	64°			
	0553	55.5/114	356	338	5.53	64°			
	0805	55.5/114	190	171	5.70	66°			
	1018	55.5/117	186	172	5.43	72°			
	1230	55.5/115	198	175	5.78	82°			
	1442	55.5/113	377	354	5.75	85°			
	1654	55.5/114	354	352	5.31	84°			
	1906	55.5/113	361	348	5.40	81°			
	2118	55.5/113	352	348	5.62	74°			

Note any changes to the system

Date 9-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/3	2330	55.5/115	356	348	5.4	72°			
	0142	55.5/114	383	350	5.48	68°			
	0354	55.5/114	383	346	5.4	68°			
	0606	55.5/112	365	344	5.7	66°			
	0818	55.5/117	375	342	5.7	64°			
	1030	55.5/115	390	348	5.72	74°			
	1242	55.5/117	384	354	5.88	80°			
	1454	55.5/118	395	354	5.68	85°			
	1706	55.5/117	395	354	5.75	85°			
	1918	55.5/115	383	352	5.95	82°			
	2130	55.5/116	356	347	5.84	69°			

Note any changes to the system

Date 9-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/4	2342	55.5/117	357	347	5.4	66°			
	0154	55.5/114	370	350	5.3	66°			
	0406	55.5/116	375	344	5.7	62°			
	0618	55.5/116	384	344	5.8	62°			
	0830	55.5/117	388	346	5.7	60°			
	1042	55.5/117	361	342	5.80	62°			
	1254	55.5/118	365	342	5.43	64°			
	1506	55.5/118	354	342	5.78	64°			
	1718	55.5/117	363	339	5.49	63°			
	1930	55.5/118	354	337	5.72	59°			
	2142	55.5/117	363	342	5.46	59°			

Note any changes to the system

Date 9-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/5	0354	55.5/116	384	346	5.7	56°			
	0206	55.5/118	366	340	5.69	56°			
	0418	55.5/120	366	338	5.75	54°			
	0630	55.5/120	345	334	5.44	52°			
	0842	55.5/120	377	336	5.63	56°			
	1054	55.5/121	356	341	5.78	61°			
	1306	55.5/119	384	343	5.53	66°			
	1518	55.5/119	170	174	5.38	67			
	1730	55.5/119	169	173	5.34	68			
	1942	55.5/117	186	173	5.80	64			
	2154	55.5/120	169	173	5.32	62			

Note any changes to the system

Date 9-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/6	0006	55.5/118	368	346	5.54	60°			
	0218	55.5/118	366	340	5.3	60°			
	0430	55.5/118	359	344	5.3	58°			
	0642	55.5/122	368	339	5.70	57°			
	0854	55.5/124	379	341	5.79	59°			
	1106	55.5/124	347	343	5.36	64°			
	1318	55.5/122	374	341	5.42	67°			
	1530	55.5/120	178	175	5.69	70			
	1754	55.5/119	177	169	5.71	72			
	2018	55.5/121	176	165	5.84	65			

Note any changes to the system

Date 9-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/7	2242	55.5/120	366	327	5.45	58°			
	0106	55.5/120	365	323	5.49	52°			
	0330	55.5/119	361	321	5.74	50°			
	0554	55.5/122	359	316	5.58	46°			
	0818	55.5/125	158	157	5.48	50°			
	1042	55.5/125	182	160	5.82	62°			
	1306	55.5/125	178	162	5.88	68°			
	1530	55.5/126	169	163	5.56	72			
	1754	55.5/125	158	164	5.48	72			
	2018	55.5/120	186	162	5.96	65			

Note any changes to the system

348
344
343 169
357 163

Date 9-8-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9-8	2242	55.5/120	181	158	5.83	55°			
	104	55.5/120	152	157	5.23	50°			
	330	55.5/120	141	155	5.32	48°			
	554	55.5/122	153	154	5.38	46°			
	0818	55.5/124	329	309	5.36	48°			
	1042	55.5/122	357	327	5.56	63°			
	1306	55.5/120	372	336	5.84	73°			
	1530	55.5/123	195	174	5.93	79			
	1754	55.5/[illegible]	183	172	5.69	79			
	2018	55.5/[illegible]	189	171	5.92	68			

Note any changes to the system

Date 9-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9-9	2242	55.5/115	157	169	5.84	40°			
	104	55.5/114	165	168	5.83	60°			
	330	55.5/120	144	164	5.29	58°			
	554	55.5/115	185	167	5.74	54°			
	[illegible]	55.5/120	348	332	5.38	57°			
	1124	55.5/119	334	334	5.36	70°			
	1348	55.5/121	361	336	5.91	79°			
	1646	55.5/121	175	179	5.71	82			
	1918	55.5/120	167	172	5.42	78			

Note any changes to the system

Date 9-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9-10-22	1046	555/120	181	158	5.83	50°			
	330	555/120	152	157	5.23	50°			
	705	555/120	161	155	5.32	48°			
	1015	555/120	165	170	5.60	54°			
	1306	555/120	190	173	5.81	64°			
	1557	555/120	178	172	5.72	73°			
	1848	555/119	186	175	5.82	81			
	2139	555/113	178	173	5.53	75°			

Note any changes to the system

Date 9-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9-11	0030	55.5/113	166	170	5.37	70°			
	321	55.5/115	190	167	5.63	66°			
	612	55.5/120	142	167	5.35	66°			
	903	55.5/120	187	167	5.88	68°			
	1154	55.5/111	186	169	5.73	68			
	1445	55.5/120	182	167	5.76	69			
	1736	55.5/116	168	172	5.39	69			
	2027	55.5/113	197	179	5.86	68			

Note any changes to the system

Date 9-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/12	2318	55.5/112	372	356	5.65	66°			
	0209	555/108	377	357	5.36	62°			
	0500	555/110	374	363	5.36	56°			
	0751	55.5/110	197	183	5.59	50°			
	1027	55.5/110	197	183	5.59	53°			
	1303	55.5/115	205	181	5.40	40°			
	1539	555/113	196	179	5.77	66			
	1814	55.5/113	198	179	5.65	60			
	2051	555/114	173	176	5.23	56			

Note any changes to the system

Date 9-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/13	2318	55.5/114	375	348	5.2	50°			
	0145	55.5/115	372	342	5.38	46°			
	0407	55.5/114	358	348	5.2	44°			
	0634	55.5/110	173	174	5.12	40°			
	901	55.5/120	194	173	5.63	50°			
	1128	55.5/116	186	178	5.45	60°			
	1346	55.5/120	182	179	5.44	70°			
	1605	55.5/120	179	179	5.54	68			
	1822	55.5/116	183	179	5.38	66			
	2040	55.5/120	179	177	5.76	61			

Note any changes to the system

Date 9-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/14	2258	55.5/122	375	350	5.7	56°			
	0116	55.5/116	375	354	5.7	56°			
	0334	55.5/116	379	350	5.66	54°			
	0552	55.5/117	384	354	5.63	54			
	0810	55.5/120	193	178	5.42	52°			
	1028	55.5/125	182	180	5.28	60°			
	1246	55.5/122	181	184	5.34	68°			
	1504	55.5/120	206	185	5.79	70			
	1722	55.5/115	212	189	5.88	73			
	1940	55.5/118	208	183	5.78	65			
	2158	55.5/120	203	182	5.78	60			

Note any changes to the system

Date 9-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/15	0016	55.5/115	377	363	5.7	56°			
	0234	55.5/117	383	357	5.7	52°			
	0452	55.5/118	399	354	5.64	52°			
	0710	55.5/125	375	174	5.77	50°			
	0928	55.5/125	179	174	5.36	54°			
	1134	55.5/120	185	180	5.33	65°			
	1342	55.5/118	180	181	5.42	72°			
	1554	55.5/116	377	359	5.46	73°			
	1806	55.5/114	377	361	5.41	72°			
	2018	55.5/116	392	354	5.90	65°			

Note any changes to the system

Date 9-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/16	2230	55.5/115	406	357	5.88	62°			
	0042	55.5/115	384	361	5.7	58°			
	0254	55.5/114	381	361	5.6	56°			
	0516	55.5/115	379	361	5.64	56°			
	0718	55.5/116	193	184	5.61	58°			
	930	55.5/115	203	181	5.75	60°			
	1142	55.5/120	204	185	5.89	70°			
	1354	55.5/120	188	188	5.48	78°			
	1606	55.5/116	374	372	5.49	79°			
	1818	55.5/113	415	366	5.95	77°			
	2030	55.5/117	381	365	5.64	66°			

Note any changes to the system

Date 9-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/17	2242	55.5/116	386	366	5.4	60°			
	0054	55.5/115	388	370	5.8	58°			
	0306	55.5/115	388	366	5.5	56°			
	0518	55.5/112	388	366	5.46	60°			
	0730	55.5/112	393	368	5.7	60°			
	0942	55.5/112	392	374	5.61	66°			
	1154	55.5/117	392	372	5.80	74°			
	1406	55.5/115	386	377	5.84	82°			
	1618	55.5/114	408	381	5.47	82°			
	1830	55.5/116	417	368	5.99	78°			
	2042	55.6/115	411	365	6.01	71°			

Note any changes to the system

Date 9-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/18	2254	55.5/116	388	365	5.8	70°			
	0106	55.5/116	383	365	5.7	68°			
	0318	55.5/115	379	363	5.4	68°			
	0530	55.5/117	386	363	5.9	66°			
	0740	55.5/115	374	356	5.44	62°			
	0954	55.5/114	375	363	5.5	66°			
	1206	55.5/115	410	361	5.88	73°			
	1418	55.5/	392	361	5.98	77°			
	1630	55.5/117	381	361	5.88	80°			
	1842	55.5/113	374	365	5.50	79°			
	2054	55.5/116	397	357	5.89	70°			

Note any changes to the system

Date 9-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/19	2306	55.5/119	384	363	5.45	68°			
	0118	55.5/116	383	355	5.4	64°			
	0330	55.5/115	390	355	5.6	64°			
	0542	55.5/115	404	357	5.9	66°			
	0754	55.5/120	402	356	5.62	63°			
	1006	55.5/121	393	359	5.76	67°			
	1218	55.5/122	361	359	5.48	71°			
	1430	55.5/124	200	185	5.81	75			
	1642	55.5/115	212	185	5.86	77			
	1854	55.5/116	200	183	5.91	74			
	2106	55.5/115	189	181	5.64	64			

Note any changes to the system

Date 9-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/20	2318	55.5/116	374	357	5.67	58°			
	0130	55.5/117	390	350	5.4	56°			
	0342	55.5/117	379	342	5.8	54°			
	0554	55.5/117	384	352	5.6	52°			
	0866	55.5/118	386	350	5.58	53°			
	1018	55.5/120	404	354	5.74	64°			
	1230	56/123	397	356	5.98	69°			
	1442	56/124	210	181	5.99	70			
	1654	56/121	182	181	5.47	68			
	1906	56/120	193	179	5.59	60			
	2118	56/118	187	176	5.46	58			

Note any changes to the system

1025 Inc. exhaust to 56 Hz Per B.S. J.S.

Date 9-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/21	2330	56/116	370	350	5.5	60°			
	0142	56/115	381	354	5.4	60°			
	0354	56/115	386	354	5.8	64°			
	0600	56/115	184	181	5.69	44°			
	818	56/117	180	181	5.38	48°			
	1030	56/115	184	181	5.39	70°			
	1242	56/115	211	183	5.88	84°			
	1454	56/112	186	185	5.58	81			
	706	56/120	190	186	5.93	79			
	1918	56/115	199	182	5.97	72			
	2130	56/114	211	181	5.88	64			

Note any changes to the system

Date 9-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9-22	2342	56/120	175	176	5.79	58°			
	154	56/115	199	175	5.80	55°			
	401	56/116	186	174	5.36	50°			
	0618	56/122	392	341	5.82	47°			
	0830	56/125	341	341	5.29	45°			
	1042	56/123	356	350	5.56	48			
	1254	56/118	368	357	5.88	53°			
	1506	56/125	179	180	5.39	54			
	1718	56/121	199	179	5.71	55			
	1930	56/115	190	180	5.56	50			
	2142	56/115	207	181	5.65	44			

Note any changes to the system

Date 9·23·22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9·23	2354	56/120	201	179	5.70	40°			
	204	56/117	197	177	5.80	38°			
	418	56/118	194	178	5.38	38°			
	630	56/125	377	348	5.32	34°			
	0842	56/126	354	358	5.75	34°			
	1054	54/124	390	352	5.77	47°			
	1306	56/124	354	357	5.36	53°			
	1518	56/120	201	186	5.41	57			
	1730	56/118	183	185	5.40	60			
	1942	56/118	193	183	5.68	52			
	2154	56/119	195	182	5.78	48			

Note any changes to the system

Date 9-24-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9-24	0006	54/120	188	181	5.27	45°			
	218	54/122	204	181	5.48	45°			
	430	54/118	204	182	5.78	48°			
	642	54/120	207	184	5.60	50°			
	854	54/120	200	187	5.54	46°			
	1106	56/120	204	184	5.60	50			
	1318	56/118	204	187	5.64	50			
	1530	56/117	209	188	5.66	55			
	1742	56/118	209	187	5.59	55			
	1954	56/120	195	185	5.59	52			

Note any changes to the system

Date 9-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9-25	2206	56/115	192	183	5.26	52°			
	0018	54/115	206	182	5.45	50°			
	230	54/115	203	181	5.69	52°			
	442	56/120	202	179	5.67	52°			
	654	54/116	178	179	5.39	52°			
	906	56/120	204	181	5.59	52°			
	1118	54/116	185	184	5.17	52			
	1330	54/117	212	186	5.62	53			
	1542	54/118	207	183	5.74	54			
	1754	54/117	213	186	5.73	55			
	2006	56/119	180	180	5.27	52			

Note any changes to the system

Date 9-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/26	2218	56/120	404	357	5.77	50°			
	0030	56/118	397	356	5.58	50°			
	0242	56/115	384	356	5.56	46°			
	0454	56/117	392	352	5.58	46°			
	0706	56/125	203	176	5.72	46°			
	918	56/120	194	179	5.42	46°			
	1120	56/118	190	178	5.43	50°			
	1342	56/120	192	179	5.48	52°			
	1542	56/115	195	179	5.42	48			
	1751	56/116	194	179	5.41	48			
	2000	56/118	194	180	5.41	45			

Note any changes to the system

Date 9-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
09/27	2209	56/117	379	356	5.42	46°			
	0018	56/118	375	357	5.43	46°			
	0227	56/118	390	356	5.48	44°			
	0436	56/119	384	357	5.45	44°			
	0645	56/125	193	181	5.39	44°			
	854	56/122	197	182	5.38	44°			
	1103	56/120	194	182	5.41	48°			
	1312	56/120	195	183	5.43	50°			
	1521	56/120	193	180	5.40	45			
	1730	56/116	197	181	5.39	44			
	1939	56/118	192	181	5.43	44			
	2148	56/119	195	180	5.45	46			

Note any changes to the system

Date 9-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/28	2357	56/120	386	359	5.41	44°			
	0206	56/118	381	356	5.42	42°			
	0415	56/120	383	354	5.37	40°			
	0624	56/125	189	178	5.41	40°			
	833	56/125	189	177	5.39	40°			
	1042	56/125	190	177	5.37	42°			
	1251	56/125	188	178	5.46	48°			
	1500	56/125	194	180	5.48	50			
	1709	56/121	190	180	5.46	50			
	1918	56/124	195	179	5.40	46			
	2127	56/120	188	179	5.41	45			

Note any changes to the system

Date 9-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/29	2336	56/122	384	359	5.44	44°			
	0145	56/125	392	361	5.41	42°			
	0354	56/122	375	357	5.46	42°			
	0613	56/124	188	180	5.73	42°			
	812	56/125	190	181	5.77	42°			
	1021	56/125	191	181	5.42	44°			
	1230	56/125	194	182	5.41	48°			
	1439	56/125	388	359	5.43	52°			
	1648	56/123	383	361	5.40	56°			
	1857	56/123	375	354	5.39	53°			
	2106	56/122	375	354	5.32	41°			

Note any changes to the system

Date 9-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/30	2315	56/122	377	354	5.38	38°			
	0124	56/125	381	352	5.34	36°			
	0333	56/125	377	350	5.32	34°			
	0542	56/122	375	348	5.31	30°			
	0751	56/125	194	178	5.28	30°			
	1000	56/125	194	179	5.39	43°			
	1209	56/125	197	184	5.38	50°			
	1418	56/124	384	363	5.42	57°			
	1627	56/123	392	368	5.39	61°			
	1836	56/122	384	363	5.40	57°			
	2045	56/120	374	354	5.35	48°			

Note any changes to the system

Date 10-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/1	2254	56/125	379	357	5.4	44°			
	0103	56/122	377	356	5.41	40°			
	0312	56/120	377	356	5.33	38°			
	0521	56/122	377	354	5.32	36°			
	0730	56/125	377	356	5.36	36°			
	0939	56/125	377	356	5.38	42°			
	1148	56/123	384	361	5.45	56°			
	1357	56/123	392	368	5.55	62°			
	1606	56/122	393	370	5.51	62°			
	1815	56/123	386	366	5.51	60°			
	2024	56/121	386	365	5.52	53°			

Note any changes to the system

Date 10-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/2	2233	56/124	381	359	5.49	52°			
	0042	56/122	379	357	5.47	50°			
	0251	56/122	379	357	5.45	52°			
	0500	56/124	382	359	5.46	50°			
	0709	56/124	377	356	5.43	46°			
	0918	56/125	383	357	5.45	46°			
	1127	56/123	383	359	5.51	54°			
	1336	56/124	381	359	5.50	67°			
	1545	56/124	381	359	5.53	58°			
	1754	56/122	381	359	5.50	54°			
	2003	56/125	383	363	5.51	46°			

Note any changes to the system

Date 10-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/3	2212	56/122	377	352	5.4	40°			
	0021	56/124	372	350	5.38	36°			
	0230	56/120	372	348	5.36	32°			
	0439	56/122	375	352	5.34	32°			
	0648	56/127	365	343	5.33	30°			
	0857	56/125	377	354	5.35	32°			
	1106	56/127	377	356	5.40	44°			
	1315	56/127	383	359	5.41	53°			
	1524	56/120	200	185	5.40	57			
	1733	56/124	195	183	5.39	61			
	1942	56/122	194	183	5.40	50			
	2151	56/120	191	179	5.38	43			

Note any changes to the system

Date 10-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/4	0000	56/120	381	357	5.3	38°			
	0209	56/122	381	357	5.35	36°			
	0418	56/122	377	352	5.3	34°			
	0627	56/124	370	348	5.33	33°			
	0836	56/123	375	350	5.33	33°			
	1045	56/125	383	361	5.37	49°			
	1254	55/118	384	361	5.41	60°			
	1506	55/119	199	186	5.42	63			
	1718	55/115	198	186	5.42	45			
	1930	55/115	195	183	5.41	55			
	2142	55/110	197	183	5.37	48			

Note any changes to the system

1050 slowed exhaust drive to 55 Hz Per R.S. J.S.

Date 10-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/5	2354	55/115	377	356	5.3	46°			
	0206	55/115	381	357	5.3	44°			
	0418	55/115	377	354	5.3	42°			
	0630	55/[illegible]	[illegible]		5.31	40°			
	842	55/115	188	177	5.26	44°			
	1054	55/118	196	183	5.37	58°			
	1306	55/120	196	183	5.44	44°			
	1518	55/112	196	185	5.50	67			
	1730	55/116	197	184	5.51	67			
	1942	55/116	191	180	5.41	56			
	2154	55/113	194	181	5.38	52			

Note any changes to the system

Date 10-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10-6	0006	55/114	197	179	5.34	52°			
	218	55/115	189	177	5.42	45°			
	430	55/115	189	177	5.34	42°			
	0642	55/119	372	348	5.40	53°			
	0854	55/120	372	350	5.39	52°			
	1106	55/118	377	354	5.41	57°			
	1318	55/118	383	357	5.48	46°			
	1530	55/111	193	180	5.51	65			
	1742	55/114	191	179	5.50	65			
	1954	55/112	188	175	5.50	46			

Note any changes to the system

Date 10-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10-7	2206	55/115	183	171	5.39	45°			
	0018	55/113	184	173	5.37	42°			
	230	55/115	183	173	5.33	38°			
	442	55/115	181	170	5.34	38°			
	0654	55/121	357	338	5.36	34°			
	0906	55/121	361	334	5.33	34°			
	1118	55/121	359	338	5.38	37°			
	1330	55/120	365	339	5.40	42°			
	1542	55/120	185	173	5.40	42			
	1754	55/120	183	171	5.42	44			
	2006	55/120	184	172	5.45	40			

Note any changes to the system

Date 10·8·22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10-8	2218	55/115	179	168	5.39	35°			
	0020	55/116	180	169	5.33	34°			
	242	55/110	179	166	5.40	32°			
	454	55/110	179	167	5.32	32°			
	706	55/120	178	167	5.30	30°			
	918	55/110	177	164	5.33	30°			
	1130	55/114	186	170	5.41	41			
	1342	55/111	180	165	5.75	48			
	1552	55/105	174	158	5.81	48			
	1806	55/100	176	156	5.83	47			
	2018	55/95	177	154	5.80	42			

Note any changes to the system

Date 10-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10-9	2230	55/110	185	171	5.09	38°			
	0042	55/108	187	173	5.18	35°			
	306	55/108	184	182	5.19	35°			
	518	55/108	196	182	5.24	38°			
	730	55/115	194	179	5.33	38°			
	942	55/114	197	181	5.19	40°			
	1142	55/114	201	186	5.25	50			
	1354	55/115	202	186	5.32	60			
	1606	55/112	206	191	5.35	60			
	1818	55/115	201	187	5.37	60			
	2030	55/115	200	186	5.36	54			

Note any changes to the system

Date 10/10/22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/10	2242	55/114	392	366	5.25	50°			
	0054	55/114	392	368	5.31	48°			
	0306	55/113	388	365	5.25	40°			
	0518	55/112	392	365	5.2	36°			
	0730	55/112	200	185	5.20	38°			
	942	55/120	202	187	5.26	44°			
	1154	55/118	204	191	5.28	48°			
	406	55/115	209	194	5.29	56			
	1618	55/112	211	195	5.27	58			
	1830	55/114	205	191	5.29	56			
	2042	55/115	202	188	5.24	44			

Note any changes to the system

Date 10-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/11	2254	55 / 114	395	366	5.23	42°			
	0106	55 / 115	392	366	5.21	46°			
	0318	55 / 112	392	365	5.22	46°			
	0530	55 / 114	390	363	5.2	46°			
	0742	55 / 118	199	184	5.29	46°			
	954	55 / 118	203	185	5.27	52°			
	1206	55 / 112	203	186	5.28	64°			
	1415	55 / 115	207	191	5.37	71			
	1630	55 / 110	208	191	5.35	70			
	1842	55 / 111	205	189	5.32	67			
	2054	55 / 110	210	192	5.32	60			

Note any changes to the system

Date 10-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/12	2306	55/106	393	366	5.29	50°			
	0118	55/107	402	368	5.28	50°			
	0330	55/107	397	365	5.3	48°			
	0542	55/112	402	368	5.26	52°			
	0754	55/114	204	185	5.25	52°			
	1006	55/110	204	184	5.28	55°			
	1218	55/108	205	186	5.28	58°			
	1430	55/110	207	188	5.30	64			
	1642	55/105	205	188	5.32	67			
	1854	55/105	201	184	5.32	54			
	2106	55/105	198	180	5.30	45			

Note any changes to the system

Date 10-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/13	2318	55/108	381	350	5.24	44°			
	0130	55/107	384	354	5.25	42°			
	0342	55/107	388	356	5.25	42°			
	0554	55/108	381	348	5.23	42°			
	0806	55/110	198	181	5.21	40°			
	1018	55/120	196	178	5.23	44°			
	1230	55/120	197	179	5.24	40°			
	1442	55/123	379	350	5.25	41°			
	1654	55/118	383	354	5.23	44°			
	1906	55/118	381	352	5.24	43°			
	2118	55/120	383	350	5.22	36°			

Note any changes to the system

Date 10-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date 10/14	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
	2359	55/117	381	350	5.2	36°			
	0200	55/118	377	348	5.2	36°			
	0421	55/118	379	352	5.2	36°			
	0642	55/125	192	177	5.19	36°			
	903	55/120	193	176	5.22	36°			
	1123	55/118	194	179	5.23	38°			
	1403	55/115	381	354	5.25	46°			
	1633	55/113	383	354	5.28	51°			
	1903	55/118	384	356	5.26	46°			
	2133	55/115	390	363	5.27	46°			

Note any changes to the system

Date 10-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/15	0003	55/118	384	356	5.3	48°			
	0233	55/118	383	354	5.2	40°			
	0503	55/118	379	348	5.2	36°			
	0733	55/120	379	348	5.2	34°			
	1003	55/120	377	348	5.1	34			
	1243	55/122	377	348	5.26	40°			
	1523	55/120	379	348	5.29	46°			
	1803	55/120	374	347	5.30	45°			
	2043	55/122	374	345	5.25	36°			

Note any changes to the system

Date 10-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/16	2323	55/120	372	343	5.27	40°			
	0203	55/118	374	345	5.2	40°			
	0443	55/118	377	350	5.22	40°			
	0723	55/118	375	347	5.25	38°			
	1003	55/122	374	345	5.27	41°			
	1243	55/120	377	348	5.26	47°			
	1523	55/120	379	350	5.33	47°			
	1803	55/120	372	345	5.33	46°			
	2043	55/120	375	345	5.28	38°			

Note any changes to the system

Date 10-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/17	2323	55/120	378	343	5.26	38°			
	0203	55/120	374	345	5.30	36°			
	0443	55/118	374	345	5.27	32°			
	0723	55/120	372	341	5.24	33°			
	1003	55/123	370	341	5.22	34°			
	1243	55/122	374	343	5.26	33°			
	1523	55/119	190	172	5.23	29			
	1803	55/118	189	175	5.26	39			
	2033	55/118	191	173	5.32	35			

Note any changes to the system

Date 10-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/18	2303	55/118	375	345	5.3	32°			
	0133	55/115	367	345	5.29	30°			
	0403	55/120	366	343	5.26	32°			
	0633	55/124	377	345	5.24	31°			
	0903	55/124	372	339	5.24	31°			
	1122	55/123	381	348	5.23	31°			
	1346	55/123	374	345	5.20	31°			
	1610	55/118	193	175	5.28	30			
	1834	55/116	192	173	5.37	30			
	2058	55/115	191	173	5.28	32			

Note any changes to the system

Date 10-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/19	2322	55/118	377	345	5.28	32°			
	0146	55/115	383	350	5.28	30°			
	0410	55/118	384	348	5.26	30°			
	0634	55/125	193	176	5.28	30°			
	858	55/125	193	176	5.25	30°			
	1113	55/124	194	177	5.29	32°			
	1328	55/120	190	174	5.25	35°			
	1543	55/117	195	178	5.26	38			
	1758	55/128	190	173	5.28	36			
	2013	55/128	182	174	5.27	34			

Note any changes to the system

Date 10-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10-20	2228	55/118	192	174	5.29	32°			
	0043	55/120	183	170	5.31	30°			
	258	55/120	190	174	5.30	30°			
	513	55/118	189	172	5.29	32°			
	0728	55/127	359	332	5.24	31°			
	0943	55/127	352	327	5.30	31°			
	1158	55/127	345	323	5.29	31°			
	1413	55/126	357	330	5.27	34°			
	1628	55/123	175	162	5.33	42			
	1843	55/124	176	162	5.36	39			
	2058	55/122	172	158	5.34	34			

Note any changes to the system

Date 10-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10-21	2313	55/118	175	166	5.34	32°			
	108	55/120	171	159	5.27	32°			
	343	55/120	172	160	5.32	35°			
	558	55/122	168	157	5.29	35°			
	8813	55/128	341	318	5.36	36°			
	1028	55/125	338	320	5.34	43°			
	1243	55/123	339	320	5.33	56°			
	1514	55/128	176	164	5.45	64			
	1732	55/120	177	163	5.42	60°			
	2054	55/120	172	160	5.32	53°			

Note any changes to the system

Date 10-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10-22	2214	55/120	170	161	5.41	58°			
	0021	57/125	166	157	5.47	58°			
	236	57/126	166	155	5.40	56°			
	457	57/127	165	155	5.46	50°			
	706	57/128	160	152	5.38	46°			
	921	57/128	165	154	5.36	48°			
	1136	56/130	167	156	5.39	57			
	1351	56/130	167	157	5.46	74			
	1606	56/129	167	160	5.59	72			
	1821	56/129	164	156	5.58	68			
	2036	56/129	166	155	5.54	61			

Note any changes to the system

2215 Inc. draft to 56 H2, JT

Date 10-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10-23	2257	56/130	166	157	5.51	60°			
	106	56/124	163	155	5.53	55°			
	321	56/126	163	154	5.47	50°			
	534	56/128	168	157	5.43	50°			
	751	56/130	167	158	5.49	50°			
	1006	56/131	169	158	5.45	56			
	1221	56/128	177	166	5.47	65			
	1436	56/129	177	167	5.57	70			
	1651	56/126	170	161	5.60	72			
	1906	56/127	174	164	5.62	66			
	2121	56/126	171	164	5.55	60			

Note any changes to the system

Date 10-24-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/24	2336	56/127	352	332	5.53	54°			
	0151	56/127	357	338	5.5	54°			
	0406	56/128	352	332	5.46	52°			
	0621	56/130	183	170	5.50	54°			
	836	56/130	175	164	5.59	55°			
	1057	56/135	180	167	5.56	44°			
	1304	56/135	185	172	5.57	74°			
	1521	56/131	188	175	5.65	75			
	1736	56/126	185	174	5.58	72			
	1951	56/127	180	169	5.72	65			

Note any changes to the system

Date 10-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/25	2206	56/127	356	336	5.59	69°			
	0021	56/127	356	336	5.63	62°			
	0236	56/127	356	332	5.60	60°			
	0451	56/127	361	338	5.5	56°			
	0706	54/125	180	169	5.50	55°			
	921	54/133	176	164	5.39	60°			
	1136	56/130	178	167	5.48	65°			
	1351	56/133	184	168	5.50	70°			
	1606	56/128	178	169	5.55	70			
	1821	56/125	184	171	5.56	67			
	2036	56/127	182	170	5.52	66			

Note any changes to the system

Date 10-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/26	2251	56/122	352	330	5.5	60°			
	0106	56/122	348	329	5.5	58°			
	0321	56/125	341	325	5.5	56°			
	0536	56/127	343	321	5.5	56°			
	0751	56/130	174	161	5.53	56°			
	1006	56/133	144	156	5.46	42°			
	1221	56/134	169	155	5.48	38°			
	1436	56/133	165	153	5.44	36			
	1651	56/132	170	156	5.44	40			
	1906	56/129	169	156	5.47	38			
	2121	56/129	171	159	5.44	38			

Note any changes to the system

Date 10-27-02

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/27	2336	56/133	341	312	5.4	38°			
	0157	56/128	339	316	5.45	36°			
	0426	56/133	329	309	5.5	30°			
	0621	56/140	147	155	5.45	30°			
	836	56/135	142	155	5.44	24°			
	1057	56/135	145	153	5.43	38°			
	1304	56/135	144	152	5.45	70°			
	1521	56/137	325	307	5.53	43°			
	1736	56/132	316	302	5.51	43°			
	1951	56/130	352	336	5.45	36°			

Note any changes to the system

Date 10·28·22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/28	2206	56/127	350	334	5.44	33°			
	0021	56/127	352	334	5.39	30°			
	0230	56/127	348	332	5.4	28°			
	0451	56/127	350	334	5.4	26°			
	0706	56/135	178	168	5.37	26°			
	921	56/135	181	171	5.39	28°			
	1241	56/130	184	174	5.48	44°			
	1439	56/131	354	339	5.51	52°			
	1710	56/127	356	341	5.53	52°			
	1925	56/130	356	339	5.45	39°			
	2140	56/127	359	343	5.42	34°			

Note any changes to the system

Date 10-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/29	2355	56/127	361	345	5.4	32°			
	0240	56/127	357	342	5.4	28°			
	0425	56/127	357	341	5.4	26°			
	0640	56/130	354	338	5.36	22°			
	0855	56/133	354	336	5.35	28°			
	1100	56/127	357	339	5.36	37°			
	1334	56/123	366	348	5.40	43°			
	1604	56/127	368	354	5.55	57°			
	1834	56/126	363	350	5.51	50°			
	2104	56/125	372	348	5.53				

Note any changes to the system

Date 10-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/30	2334	56/125	366	350	5.3	36°			
	0204	56/122	368	352	5.2	30°			
	0434	56/122	365	348	5.2	28°			
	0704	56/122	365	350	5.2	26°			
	0934	56/124	361	348	5.2	30°			
	1204	56/123	363	348	5.24	51°			
	1434	56/122	366	352	5.31	57°			
	1704	56/126	368	356	5.29	57°			
	1934	56/125	368	356	5.25	47°			

Note any changes to the system

Date 10-31-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/31	2204	56/125	372	356	5.2	46°			
	0034	56/125	365	352	5.2	46°			
	0304	56/124	366	352	5.2	42°			
	0534	56/125	361	347	5.2	42°			
	0804	56/122	365	347	5.08	44°			
	1034	56/127	375	354	5.26	46°			
	1304	56/125	375	357	5.26	50°			
	1534	56/127	185	176	5.24	50			
	1804	56/123	187	176	5.25	50			
	2028	56/125	186	176	5.23	48			

Note any changes to the system

Date 11-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/1	2252	56/123	379	354	5.27	50°			
	0116	56/123	374	356	5.3	50°			
	0340	56/124	375	359	5.26	46°			
	0604	56/125	375	357	5.23	45°			
	0828	56/125	375	359	5.27	42°			
	1046	56/128	379	359	5.25	45°			
	1304	56/127	383	363	5.26	52°			
	1522	56/125	197	189	5.15	58			
	1740	56/125	198	187	5.17	58			
	1958	56/127	198	168	5.28	50			

Note any changes to the system

Date 11-2-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/22	2216	56/122	372	359	5.2	42°			
	0054	56/124	375	356	5.2	40°			
	0252	56/124	375	356	5.2	36°			
	0510	56/125	374	356	5.1	34			
	0728	56/132	190	180	5.18	35°			
	944	56/130	188	179	5.17	36°			
	1204	56/130	195	183	5.29	54°			
	1416	56/126	193	185	5.23	62			
	1631	56/124	199	188	5.24	63			
	1846	56/128	196	186	5.15	55			
	2101	56/128	198	186	5.26	45			

Note any changes to the system

Date 11·3·22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-3	2316	54/126	189	183	5.20	42°			
	131	54/130	190	182	5.06	40°			
	346	54/125	192	182	5.21	46°			
	601	54/125	193	185	5.10	45°			
	0816	56/127	384	361	5.12	45°			
	1031	54/127	377	357	5.16	51°			
	1246	56/125	383	361	5.22	61°			
	1501	56/129	198	188	5.27	67			
	1716	56/128	200	189	5.30	46			
	1931	54/129	197	187	5.29	59			
	2146	54/125	198	187	5.26	54			

Note any changes to the system

Date 11-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-4	0001	56/120	197	187	5.29	52°			
	216	56/125	197	184	5.27	52°			
	431	56/125	194	186	5.28	50°			
	0644	56/127	388	348	5.23	51°			
	0901	56/124	386	366	5.27	57°			
	1116	56/124	384	345	5.29	62°			
	1331	56/125	388	370	5.35	46°			
	1546	56/130	192	187	5.33	65			
	1801	56/122	201	189	5.34	65			
	2016	56/124	196	184	5.34	64			

Note any changes to the system

Date 11-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-5	2231	54/125	198	186	5.35	62°			
	0044	54/125	199	189	5.36	62°			
	301	54/130	199	189	5.38	60°			
	516	57/128	195	186	5.39	60°			
	731	57/130	201	190	5.36	60°			
	946	57/130	197	186	5.35	60°			
	1201	57/130	199	184	5.29	60			
	1416	57/128	199	188	5.42	64			
	1631	57/126	197	186	5.45	67			
	1846	57/127	197	187	5.42	64			
	2101	57/128	197	185	5.48	62			

Note any changes to the system

302 Inc. draft to 57 Hz.

Date 11-6-02

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-6	2316	57/130	191	180	5.44	50°			
"	131	57/128	190	179	5.40	40°			
	246	57/130	188	178	5.38	40°			
	501	57/130	190	179	5.34	38°			
	816	57/125	188	178	5.37	38°			
	931	57/130	190	178	5.38	44°			
	1146	57/135	192	180	5.36	53			
	1401	57/135	190	179	5.42	60			
	1616	57/135	191	183	5.42	40			
	1831	57/132	191	182	5.42	55			

Note any changes to the system

Date 11-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/7	2352	57/126	370	356	5.39	46°			
	0207	57/126	372	356	5.39	42°			
	0422	57/127	372	356	5.36	40°			
	0637	57/125	184	174	5.31	36°			
	910	57/125	192	179	5.29	40°			
	12	57/120	190	180	5.36	42°			
	1424	57/136	354	338	5.33	44°			
	1639	57/128	356	339	5.38	43°			
	1854	56.5/130	363	345	5.40	36°			
	2106	56.5/127	357	343	5.31	32°			

Note any changes to the system

1639 cut exhaust drive to 56.5 per B.S. J.S.

Date 11-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-8	2318	56.5/126	363	341	5.3	28°			
	0130	56.5/128	363	345	5.3	26°			
	0342	56.5/126	363	345	5.29	24°			
	0554	56.5/126	366	348	5.27	24°			
	0806	56.5/130	186	176	5.32	24°			
	1018	56.5/126	187	177	5.30	34°			
	1230	56.5/125	185	173	5.46				
	1442	56.5/112	354	334	5.71	45°			
	1654	57/115	348	318	5.72	43°			
	1906	57/132	357	339	5.58	39°			
	2118	57/128	361	343	5.52	35°			

Note any changes to the system

Date 11-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/9	2330	57/126	365	345	5.5	30°			
	0142	57/126	361	347	5.5	30°			
	0354	57/126	365	345	5.5	28°			
	0606	57/130	183	174	5.52	28°			
	818	57/133	183	174	5.57	38°			
	1030	56.5/128	184	176	5.40	46°			
	1242	56.5/125	184	174	5.43	40°			
	2454	56.5/127	375	354	5.70	60°			
	1706	56.5/128	366	350	5.71	59°			
	1918	56.5/128	348	347	5.72	55°			
	2130	56.5/125	368	348	5.70	55°			

Note any changes to the system

9:40 Slowed Kiln Exhaust to 56.5 Hz. BS

Date 11-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/10	0342	56.5/125	357	343	5.7	54°			
	0554	56.5/125	365	347	5.7	54°			
	0906	56.5/125	363	345	5.7	54°			
	0618	56.5/125	185	175	5.70	50°			
	0830	56.5/125	185	175	5.60	52°			
	1054	56.5/125	189	177	5.73	44°			
	1318	56.5/120	190	179	5.78	70°			
	1542	56/118	368	354	5.80	71°			
	1806	56/123	370	352	5.82	64°			
	2030	56/122	363	345	5.79	58°			

Note any changes to the system

1055 cut draft to 56 HZ.

Date 11-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/	2254	56/119	368	350	5.79	56°			
	0118	56/117	366	350	5.77	52°			
	0342	56/117	365	347	5.77	50°			
	0606	56/118	183	173	5.77	50°			
	830	54/120	184	174	5.72	52°			
	1528	56/123	370	348	5.46	48			
	1752	56/125	357	338	5.42	44°			
	2016	56/120	359	338	5.31	36°			

Note any changes to the system

Date 11-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/12	2240	56/124	356	336	5.27	30			
	0104	56/124	361	338	5.2	28			
	0328	56/120	361	339	5.2	26			
	0552	56/125	359	341	5.2	28			
	0816	56/125	374	352	5.2	26			
	1040	56/129	193	178	5.26	32			
	1304	56/124	175	163	5.63	33			
	1528	56/113	175	161	5.71	32			
	1752	56/107	168	152	5.71	31			
	2016	56/96	169	149	5.65	28			

Note any changes to the system

Date 11-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/13	2240	56/82	330	323	5.6	26°			
	0104	56/82	327	294	5.65	24°			
	0328	56/88	323	282	5.61	24°			
	0552	56/110	323	296	5.6	24°			
	0816	56/116	330	303	5.58				
	1048	56/127	339	309	5.61	25°			
	1342	56/127	336	318	5.54	27°			
	1640	56/128	347	323	5.40	27°			
	1904	56/132	345	329	5.29	25°			
	2128	56/133	343	329	5.29	24°			

Note any changes to the system

Date 11-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/14	2358	56/136	343	330	5.16	22°			
	0228	56/135	338	323	5.1	20°			
	0440	56/135	341	321	5.1	20°			
	0710	56/130	343	323	5.15	15°			
	0934	56/132	343	323	5.17	24°			
	1158	56/127	345	330	5.13	29°			
	1437	56/131	176	165	5.14	29			
	1717	56/127	183	172	5.14	29			
	2017	56/130	181	170	5.13	26			

Note any changes to the system

Date 11-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/15	2317	56/127	342	336	5.12	24°			
	0217	56/125	357	338	5.13	22°			
	0517	56/126	357	339	5.11	24°			
	0817	56/127	356	334	5.15	25°			
	1117	56/113	350	332	5.13	25°			
	1417	55/115	175	166	5.15	27			
	1717	55/110	178	165	4.86	26			
	2017	55/113	176	165	4.81	25			

Note any changes to the system

1030 cut exhaust to 55 Hz per RS JS.

Date 11-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/16	2317	55/120	350	330	5.22	24°			
	0217	55/118	350	330	5.16	24°			
	0517	55/118	348	330	5.16	24°			
	0817	55/119	181	169	5.17	24°			
	1257	55/116	170	163	5.14	24°			
	1337	55/118	177	169	5.12	24°			
	1617	55/125	175	164	5.07	27			
	1857	55/124	171	160	5.20	25			
	2127	55/125	169	157	5.14	24			

Note any changes to the system

Date 11-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-17	2357	55/116	167	158	5.10	22°			
	227	55/120	174	164	5.12	20°			
	457	55/120	174	163	5.09	20°			
	0722	56/127	343	327	5.14	16°			
	0957	56/127	343	321	5.16	22°			
	1222	56/122	352	330	5.21	22°			
	1446	56/126	177	165	5.22	25			
	1721	56/125	175	165	5.30	22			
	1949	56/125	180	167	5.26	20			

Note any changes to the system

710 INC. KILN EXHAUST TO 52 HZ. PS

Date 11-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-18	2209	56/120	180	169	5.29	20°			
	0033	56/120	179	168	5.20	20°			
	256	56/120	178	166	5.19	20°			
	520	56/120	177	165	5.21	20°			
	0744	56/129	350	338	5.24	19°			
	1008	56/127	354	329	5.27	21°			
	1232	56/128	350	327	5.19	21°			
	1456	56/130	175	164	5.22	22			
	1720	56/126	176	165	5.26	20			
	1944	56/130	170	164	5.26	18			

Note any changes to the system

Date 11-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-19	2209	56/120	171	140	5.30	14°			
	0033	56/118	178	144	5.33	14°			
	252	56/119	180	148	5.29	12°			
	520	56/120	181	148	5.29	12°			
	744	56/120	180	148	5.30	12°			
	1008	56/127	181	171	5.33	15			
	1233	56/120	184	174	5.32	18			
	1456	56/126	190	176	5.32	18			
	1720	56/124	186	174	5.31	15			
	1944	56/125	181	168	5.29	12			

Note any changes to the system

Date 11-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11-20	2208	54/120	173	141	5.30	10°			
	0233	54/120	172	160	5.29	10°			
	254	54/125	170	160	5.30	10°			
	520	54/125	171	160	5.31	8°			
	1008	54/130	178	165	5.28	15			
	1233	54/120	182	172	5.32	15			
	1456	54/123	184	174	5.27	16			
	1720	54/125	181	170	5.22	16			
	1944	56/125	183	170	5.24	13			

Note any changes to the system

Date 11-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/21	2208	56/119	375	354	5.3	12°			
	0032	56/120	377	354	5.3	10°			
	0256	56/120	381	356	5.3	16°			
	0520	56/120	377	354	5.3	20°			
	0744	56/125	189	178	5.25	22°			
	1008	56/125	186	174	5.29	26°			
	1232	56/122	198	184	5.24	30°			
	1456	56/126	194	182	5.23	33			
	1720	56/128	194	181	5.28	30			
	1944	56/130	196	183	5.22	27			

Note any changes to the system

Date 11-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/22	2208	56/130	368	348	5.25	18°			
	0032	56/128	375	350	5.27	16°			
	0256	56/130	368	345	5.26	14°			
	0520	56/130	365	341	5.28	12°			
	0744	56/126	184	173	5.29	12°			
	1008	56/125	187	172	5.24	26°			
	1232	56/125	188	175	5.22	40°			
	1456	56/135	185	175	5.21	37			
	1720	56/128	185	176	5.29	32			
	1944	56/125	181	173	5.22	30			

Note any changes to the system

Date 11-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/23	2208	56/130	359	343	5.3	20°			
	0032	56/130	368	343	5.29	20°			
	0256	56/128	368	345	5.3	18°			
	0520	56/128	361	343	5.25	18°			
	0744	56/130	178	169	5.21	16°			
	1008	56/126	183	174	5.21	30°			
	1232	56/130	184	177	5.36	45°			
	1456	56/123	188	178	5.35	45			
	1720	56/127	185	178	5.42	40			
	1953	56/130	183	174	5.19	36			

Note any changes to the system

Date 11-24-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/24	2226	56/130	359	343	5.2	26°			
	0059	56/130	363	343	5.1	26°			
	0332	56/132	357	341	5.2	28°			
	0605	56/130	182	171	5.17	28°			
	838	54/125	182	171	5.03	32°			
	1111	56/124	183	172	5.30	44°			
	1344	56/125	184	174	5.31	50°			
	1617	56/123	359	341	5.34	48°			
	1850	56/122	361	343	5.34	47°			
	2123	56/121	365	343	5.36	44°			

Note any changes to the system

Date 11-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/25	2356	56/126	308	347	5.3	42°			
	0229	56/126	366	347	5.29	40°			
	0502	56/124	361	343	5.3	38°			
	0735	56/130	179	168	5.23	35°			
	1008	56/125	179	168	5.21	34°			
	1241	56/130	181	171	5.19	38°			
	1456	56/125	359	341	5.22	41°			
	1732	56/124	356	338	5.25	39°			
	1956	56/124	350	334	5.05	33°			

Note any changes to the system

Date 11-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/26	2220	56/129	348	329	5.2	30°			
	0044	56/130	352	334	5.2	28°			
	0308	56/130	356	334	5.2	30°			
	0532	56/130	354	334	5.19	30°			
	0806	56/133	352	334	5.15	30°			
	1044	56/124	356	336	5.17	39°			
	1320	56/122	361	339	5.20	47°			
	1556	56/121	357	339	5.25	47°			
	1832	56/120	356	336	5.25	40°			
	2108	56/123	354	336	5.17	36°			

Note any changes to the system

Date 11-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/27	2344	56/127	356	339	5.1	36°			
	0220	56/127	356	338	5.1	30°			
	0456	56/128	352	336	5.1	30°			
	0744	56/127	350	332	5.1	32°			
	1020	56/118	352	330	5.10	30°			
	1256	56/120	345	329	5.15	30°			
	1532	56/121	348	330	5.12	30°			
	1808	56/120	350	334	5.12	30°			
	2044	56/122	359	338	5.14	31°			

Note any changes to the system

Date 11-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/28	2320	56/126	352	332	5.1	30°			
	0156	56/126	348	330	5.1	30°			
	0432	56/127	357	338	5.14	28°			
	0708	56/128	350	332	5.17	27°			
	0944	56/127	348	330	5.14	29°			
	1220	56/128	356	334	5.14	33°			
	1456	56/126	177	169	5.21	34			
	1732	56/127	180	170	5.17	33			
	2008	56/130	182	171	5.17	25			

Note any changes to the system

Date 11-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/29	2244	56/129	359	338	5.1	26°			
	0120	56/127	363	339	5.2	30°			
	0356	56/127	357	338	5.1	32°			
	0632	56/127	359	341	5.16	33°			
	0908	56/126	365	339	5.17	34°			
	1144	56/126	361	339	5.17	40°			
	1420	56/124	181	171	5.25	44			
	[illegible]	56/124	182	172	5.27	44			
	1932	56/122	187	174	5.23	44			

Note any changes to the system

Date 11-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lim Per hr.
11/30	2208	56/120	367	343	5.26	46°			
	0044	56/120	359	339	5.24	46°			
	0320	56/122	363	343	5.3	50°			
	0556	56/125	357	334	5.2	30°			
	0832	56/128	189	174	5.12	24°			
	1108	56/128	176	167	5.11	22°			
	1344	56/126	179	165	5.22	20°			
	1620	56/125	154	172	5.20	20			
	1856	56/125	177	165	5.19	22			
	2132	56/125	176	166	5.22	20			

Note any changes to the system

Date 12-1-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-1	0008	56/126	174	163	5.16	20°			
	244	56/128	169	161	5.18	20°			
	520	56/125	173	161	5.19	20°			
	0756	56/130	339	320	5.17	16°			
	1032	56/130	336	318	5.15	19°			
	1308	56/127	334	316	5.17	25°			
	1544	56/130	170	159	5.20	27			
	1820	56/134	168	158	5.20	24			
	2056	56/135	166	157	5.18	22			

Note any changes to the system

Date 12·2·22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-2	2332	56/130	164	154	5.15	20°			
	208	56/128	163	153	5.26	24°			
	444	56/128	165	153	5.27	26°			
	0720	56/127	323	305	5.29	28°			
	0956	56/124	323	300	5.64	30°			
	1232	56/130	329	311	5.58	36°			
	1508	56/134	167	157	5.32	38			
	1744	56/133	170	160	5.28	38			
	2020	56/127	171	162	5.23	40			

Note any changes to the system

Date 12-3-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-3	[illegible]	56/125	169	158	5.25	45°			
	132	56/122	171	161	5.22	46°			
	408	56/125	169	159	5.24	45°			
	644	56/125	163	153	5.00	38°			
	920	56/130	144	157	5.19	28°			
	1154	54/132	170	158	5.17	26			
	1432	54/127	168	158	5.15	25			
	1708	54/125	171	160	5.16	22			
	1944	54/125	171	161	5.13	18			

Note any changes to the system

Date 12-4-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-4	2220	56/125	169	159	5.15	14°			
	0056	56/128	168	158	5.11	14°			
	332	54/130	170	160	5.14	12°			
	608	56/125	173	163	5.13	12°			
	844	56/124	173	163	5.12	12°			
	1120	54/117	177	166	5.10	22			
	1356	56/118	179	167	5.15	28			
	1632	54/118	182	170	5.15	29			
	1908	56/123	183	171	5.14	24			
	2144	56/123	181	169	5.17	23			

Note any changes to the system

Date 12-5-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/5	0020	56/122	354	332	5.2	22°			
	0256	56/125	350	330	5.2	22			
	0532	56/126	354	334	5.1	20°			
	0808	56/128	177	166	5.17	20°			
	1041	56/130	177	168	5.14	26°			
	1314	56/125	176	168	5.17	30°			
	1547	56/125	182	171	5.17	33			
	1820	56/122	184	175	5.16	32			
	2053	56/120	183	181	5.20	32			

Note any changes to the system

Date 12-6-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/6	2326	56/120	388	366	5.2	32°			
	0159	56/119	397	374	5.2	32°			
	0432	56/120	397	375	5.19	30°			
	0705	56/118	199	189	5.14	28°			
	938	56/114	203	188	5.12	28°			
	1211	56/120	199	187	5.14	30°			
	1444	56/121	201	188	5.14	32			
	1717	56/115	204	191	5.17	32			
	1950	54/115	202	189	5.17	32			

Note any changes to the system

Date 12-7-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/7	2223	56/115	388	366	5.18	32°			
	0056	56/117	392	368	5.15	32°			
	0329	56/115	402	377	5.2	32°			
	0602	56/115	212	195	5.15	30°			
	835	54/118	207	192	5.13	32°			
	1108	56/115	202	188	5.15	35°			
	1341	54/115	202	189	5.15	38°			
	1614	56/115	206	191	5.04	30			
	1842	56/113	207	192	5.15	35			
	2122	56/113	205	192	5.15	32			

Note any changes to the system

Date 12-8-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/8	2353	56/115	395	372	5.13	30°			
	0226	56/116	392	366	5.10	28°			
	0459	56/116	388	363	5.12	26°			
	0732	56/125	197	184	5.10	25°			
	1005	56/120	200	185	5.12	28°			
	1238	56/120	202	187	5.10	28°			
	1511	56/115	202	188	5.10	26			
	1744	56/115	200	185	5.11	24			
	2017	56/115	204	190	5.15	22			

Note any changes to the system

1238
2353
1511
1744
2017
2240

Date 12-9-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/9	2250	56/115	397	370	5.1	22°			
	0123	56/115	402	375	5.1	22°			
	0356	56/117	393	370	5.1	24°			
	0629	56/115	202	188	5.09	22°			
	902	56/118	204	189	5.11	22°			
	1135	56/116	203	189	5.10	24°			
	1408	56/115	205	187	5.10	26			
	1641	56/115	208	193	5.13	25			
	1914	56/115	201	185	5.12	25			
	2147	56/115	200	187	5.00	25			

Note any changes to the system

1408
233
1641
1914
2147

Date 12-10-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/10	0020	56/116	393	368	5.1	26'			
	0253	56/118	390	366	5.1	24.			
	0526	56/119	388	366	5.12	24'			
	0859	56/116	397	370	5.1	26'			
	1132	56/115	391	372	5.2	26'			
	1158	56/115	204	190	5.11	27			
	1431	56/115	199	187	5.12	26			
	1704	56/115	202	188	5.11	25			
	1937	56/114	205	190	5.08	24			

Note any changes to the system

Date 12-11-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/11	2210	56/115	393	368	5.1	24°			
	0043	56/115	401	375	5.1	22°			
	0316	56/114	397	372	5.1	24°			
	0549	56/115	397	372	5.1	24°			
	0822	56/114	399	372	5.1	26°			
	1055	56/113	401	374	5.11	25°			
	1328	56/115	397	372	5.14	28°			
	1601	56/115	392	365	5.15	28°			
	1834	56/114	404	374	5.13	27°			
	2107	56/113	410	379	5.09	26°			

Note any changes to the system

Date 12-12-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-12	2340	54/ 110	207	190	5.11	26°			
	213	54/ 113	211	194	5.12	26°			
	446	54/ 114	207	194	5.12	26°			
	0719	56/117	406	377	5.11	23°			
	0952	56/116	406	381	5.09	23°			
	1225	56/116	406	374	5.12	25°			
	1458	54/ 113	207	189	5.17	27			
	1731	54/ 113	206	190	5.14	26			
	2004	54/ 112	207	190	5.15	26			

Note any changes to the system

Date 12-13-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-13	0237	56/115	207	189	4.95	28°			
	110	56/114	201	185	5.13	28°			
	343	56/110	203	188	5.10	26°			
	616	56/120	401	368	5.15	24°			
	0849	56/116	397	372	5.12	23°			
	1122	56/114	406	377	5.13	24°			
	1355	56/117	397	372	5.12	28°			
	1625	56/115	205	193	5.11	27			
	1901	56/116	210	192	5.15	20			
	2134	56/110	209	191	5.12	20			

Note any changes to the system

Date 12-14-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-14	0007	56/112	207	191	5.11	20°			
	240	56/110	206	190	5.09	20°			
	513	56/110	208	193	5.11	22°			
	0746	56/115	408	377	5.11	23°			
	1019	57/123	404	377	5.12	27°			
	1252	57/120	413	383	5.17	29°			
	1525	57/116	210	195	5.02	30			
	1758	57/115	205	189	5.13	25			
	2031	57/117	207	191	5.14	25			

Note any changes to the system

0750 Inc exhaust drive 1 Hz 56 Hz to 57 Hz Per B.S. J.S.

Date 12-15-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-15	2304	57/118	207	190	5.12	26°			
	137	57/116	206	191	4.89	30°			
	410	57/115	208	193	4.93	28°			
	0643	57/118	399	372	5.18	30°			
	0916	57/120	410	381	5.18	32°			
	1149	57/122	413	388	5.18	35°			
	1422	57/120	207	194	5.14	33			
	1655	57/120	210	198	5.18	33			
	1928	57/120	206	193	5.17	30			

Note any changes to the system

Date 12-16-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-14	2201	57/120	213	198	5.15	28°			
	3034	57/120	206	193	5.01	28°			
	307	57/120	202	189	5.17	26°			
	540	57/120	205	190	5.00	26°			
	0813	57/125	408	384	5.12	25°			
	1046	57/125	399	375	5.13	25°			
	1319	57/126	399	374	5.13	25°			
	1552	57/122	202	189	5.08	25			
	1825	57/120	205	192	5.09	24			
	2058	57/121	200	188	5.11	22			

Note any changes to the system

Date 12-17-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-17	2330	[illegible]/130	197	182	5.10	20°			
	204	57/130	196	184	5.09	18°			
	437	57/128	199	185	5.08	18°			
	710	57/125	197	183	5.10	16°			
	943	57/128	198	184	5.08	18°			
	1216	57/125	195	183	5.08	23			
	1502	57/121	201	187	5.09	19			
	1829	57/125	200	192	5.04	15			
	2109	57/121	207	191	5.11	16			

Note any changes to the system

Date 12-18-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-18	2349	57/120	204	189	5.09	18°			
	229	57/120	205	191	5.00	16°			
	509	57/119	208	192	5.06	16°			
	789	57/120	208	192	5.08	16°			
	1029	57/121	211	193	4.90	15			
	1309	57/122	210	196	5.06	18			
	1549	57/124	211	195	5.08	18			
	1829	57/120	211	197	5.03	15			
	2109	57/120	214	199	5.04	16			

Note any changes to the system

Date 12-19-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/19	2349	57/123	406	374	5.1	16°			
	0229	57/122	392	363	5.07	16°			
	0509	57/124	401	372	5.1	14°			
	0749	57/130	204	184	5.06	12°			
	1029	57/130	204	184	5.08	12°			
	1309	57/130	205	186	5.07	14°			
	1636	57/124	205	188	5.03	15			
	1936	57/127	203	186	5.07	15			

Note any changes to the system

Date 12-20-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/20	2236	57/114	386	359	4.88	16°			
	0136	57/112	381	352	5.0	16°			
	0436	57/112	386	354	5.0	16°			
	0736	57/115	193	175	5.02	15°			
	1036	57/110	190	175	5.09	16°			
	1336	57/118	193	177	4.99	22°			
	1636	56/114	194	176	4.95	24			
	1936	56/115	193	177	5.10	22			

Note any changes to the system

1100 Slowed draft down to 56 Hz.

Date 12-21-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/21	2236	56/120	379	352	5.1	20°			
	0136	56/120	381	354	5.0	16°			
	0436	56/120	384	354	5.0	10°			
	0736	56/130	189	174	5.00	6°			
	1036	56/125	187	174	5.01	6°			
	1336	56/128	189	174	5.04	12°			
	1636	56/120	198	181	5.04	15			
	1936	56/120	197	181	5.02	14			

Note any changes to the system

Date 12-22-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/22	2236	56/120	388	359	5.0	16'			
	0136	56/118	386	359	5.0	16'			
	0436	/118	377	354	5.0	16'			
	0736	56/114	198	186	5.04	20°			
	1036	56/118	207	190	5.01	18°			
	1336	56/117	207	188	5.14	30°			
	1636	56/112	393	363	5.15	30°			
	1936	56/112	392	361	5.11	24°			

Note any changes to the system

Date 12-23-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/23	2236	56/108	381	345	5.1	24			
	0136	56/110	384	352	5.0	8°			
	0436	56/107	384	348	5.0	0°			
	0736	56/110	197	179	5.02	0			
	1036	56/110	194	178	5.12	-8°			
	1336	56/110	194	178	5.11	-5°			
	1636	56/112	383	350	5.08	-5°			
	1936	56/120	381	347	5.10	-6°			

Note any changes to the system

Date 12-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/24	2236	56/117	377	347	5.11	-4°			
	0136	56/117	368	341	5.13	-4°			
	0436	56/118	365	339	5.1	-2°			
	0736	56/118	365	339	5.1	-6°			
	1036	56/120	365	339	5.09	-1°			
	1336	56/114	374	347	5.16	5°			
	1636	56/116	372	347	5.10	5°			
	1936	56/120	379	352	5.11	4°			

Note any changes to the system

Date 12-25-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/25	2236	56/114	380	356	5.1	4°			
	0036	56/120	375	352	5.1	4°			
	0436	56/118	375	350	5.1	4°			
	0730	56/120	372	350	5.1	6°			
	1036	56/120	374	348	5.09	6°			
	1336	56/120	368	345	5.08	7°			
	1636	56/119	374	347	5.06	7°			
	1936	56/119	374	348	5.11	7°			

Note any changes to the system

Date 12-26-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/26	2236	56/118	379	354	5.1	6°			
	0136	56/120	386	354	5.1	6°			
	0436	56/118	386	363	5.15	6°			
	0736	56/118	383	356	5.16	7°			
	1036	56/120	388	361	5.18	10°			
	1336	56/118	388	354	5.13	13°			
	1636	56/120	192	180	5.08	10			
	1936	56/121	192	179	5.01	8			

Note any changes to the system

Date 12-27-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/27	2236	56/120	368	345	5.0	8°			
	0136	56/117	370	345	5.0	8°			
	0436	56/110	357	334	5.0	6°			
	0736	56/110	350	327	5.03	11°			
	1036	56/108	348	325	5.05	14°			
	1336	56/102	348	325	5.06	17°			
	1753	56/125	188	171	5.05	15			
	2053	56/125	183	168	4.87	12			

Note any changes to the system

Date 12-28-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/28	2353	56/125	354	327	5.0	16°			
	0253	56/125	354	323	5.0	20			
	0553	56/120	352	321	5.0	20°			
	0853	56/120	177	158	5.19	22°			
	1153	56/122	178	160	5.28	28°			
	1453	56/115	178	161	5.13	34			
	1753	56/113	176	159	5.10	32			
	2053	56/113	178	159	5.13	32			

Note any changes to the system

Date 12-29-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-29	2353	56/110	178	157	5.34	34°			
	253	56/105	178	159	5.06	35°			
	553	56/115	179	141	5.12	32°			
	0853	56/120	363	325	5.67	33°			
	1153	56/119	390	359	5.18	46°			
	1453	56/114	203	186	5.20	41			
	1753	56/111	199	179	5.02	42			
	2053	56/117	188	170	5.68	42			

Note any changes to the system

Date 12-30-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-30	2353	56/115	194	177	5.20	44°			
	253	56/110	188	170	5.23	48°			
	553	56/110	191	167	5.21	48°			
	0853	56/127	372	350	4.76	47°			
	1153	56/125	379	350	4.75	47°			
	1453	56/115	192	174	4.80	44			
	1753	56/110	186	166	4.99	40			
	2053	56/115	181	164	5.15	36			

Note any changes to the system

Date 12-31-22

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-31	[illegible]	56/108	178	159	5.17	34°			
	253	56/105	165	147	5.10	32°			
	553	56/110	148	147	5.05	28°			
	853	56/105	140	141	5.11	28°			
	1153	56/105	159	138	5.20	28			
	1453	56/90	158	136	4.93	30			
	1753	56/82	160	135	4.88	30			
	2053	56/105	142	141	5.62	25			

Note any changes to the system

Date 5/28/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/28	113	53/84	341	328	5.1	36°	9.8	70.1	73
	326	53/84	340	323	5.2	34°	9.7	73.5	"
	550	53/83	328	316	5.1	34°	9.7	71.4	"
	0814	53/86	343	320	5.2	35	9.7	71.4	73
	1038	53/86	33[illegible]	318	5.11	35	9.7	73.7	73
	1302	53/85	343	324	5.12	38	9.7	75.1	73
	1526	53/85	350	328	5.19	38°	9.7	74.6	73
	1750	53/85	343	326	5.11	40°	9.7	73.7	"
	2014	53/84	357	331	5.20	38°	9.7	74.9	"

Note any changes to the system

Date 5/24/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/24	2238	53/86	355	341	5.1	36°	9.7	70.3	73
	102	53/85	366	349	5.2	35°	9.7	70.9	"
	326	53/87	350	336	5.1	33°	9.7	66.1	"
	558	53/84	368	346	5.0	32°	9.7	64.2	"
	814	53/88	368	351	5.1	36°	9.9	69.9	"
	1038	53/85	380	358	5.30	48°	9.9	73.8	"
	1302	53/85	381	368	5.21	56°	9.9	74.5	"
	1526	53/86	390	366	5.27	58°	9.9	73.0	"
	1750	53/85	390	348	5.28	58°	9.9	74.1	"
	2014	53/84	382	365	5.27	52°	9.9	73.3	"

Note any changes to the system

550 increased lime to 9.9 DG

Date 5/31/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
5/31	2258	53/80	367	371	5.1	48°	9.9	73.5	73
	102	53/84	379	363	5.3	46°	9.9	74.6	"
	326	53/84	375	361	5.1	42°	9.9	68.9	"
	550	53/83	377	360	5.1	44°	9.9	70.2	"
	814	53/84	382	363	5.22	46°	9.9	72.7	73
	1038	53/80	383	360	5.31	58°	9.9	73.6	"
	1302	53/83	394	369	5.33	66°	9.9	73.8	"
	1526	53/86	391	374	5.13	70	9.9	75.9	73
	1750	53/85	396	377	5.16	67	9.9	73.9	73
	2014	53/85	393	376	5.21	53	9.9	74.7	73

Note any changes to the system

Date 5·30·21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
53021	2238	53/86	379	359	5.22	44	9.9	73.01	73
	0102	53/86	375	353	5.23	36	9.9	74.2	73
	0326	53/87	370	353	5.18	32	9.9	72.9	73
	0550	53/87	360	347	5.05	29	9.9	74.7	73
	0814	53/86	375	351	5.35	37	9.9	73.4	73
	1038	53/85	378	357	5.29	50°	9.9	72.9	73
	1302	53/85	387	367	5.26	60°	9.9	74.7	"
	1526	53/85	384	372	5.17	68°	9.9	75.2	"
	1750	53/86	390	370	5.19	66°	9.9	72.6	"
	2014	53/85	400	377	5.28	64°	9.9	74.4	"

Note any changes to the system

Date 6/1/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/1	2238	53/83	399	375	5.3	58°	9.9	76.4	73
	102	53/80	401	379	5.2	54°	9.9	76.1	"
	326	53/81	389	375	5.1	48°	9.8	71.4	"
	550	53/84	391	371	5.2	44°	9.8	74	"
	814	53/83	393	373	5.41	52°	9.8	74.8	73
	1038	53/85	397	373	5.24	62°	9.8	74.7	"
	1302	53/82	394	378	5.15	78°	9.8	74.2	"
	1526	53/85	410	386	5.30	73	9.8	78.04	73
	1750	53/84	402	384	5.19	73	9.8	74.4	73
	2014	53/84	402	384	5.17	73	9.8	72.4	73

Note any changes to the system

Decreased lime Rate to 9.8 DG

Date 6/2/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/2	2238	53/80	394	378	5.2	58°	9.8	75.6	73
	102	53/80	396	375	5.2	54°	9.8	73.2	"
	326	53/81	385	369	5.2	50°	9.8	74.5	"
	550	53/80	382	367	5.2	46°	9.8		"
	814	53/80	393	374	5.21	54°	9.8	74.0	~
	1038	53/82	397	376	5.12	66°	9.8	75.2	~
	1302	53/80	396	377	5.24	75°	9.8	73.6	~
	1526	53/78	402	377	5.19	74	10.9	84.6	83
	1744	53/74	402	378	5.22	67	10.8	83.7	83
	2002	53/74	398	380	5.20	61	10.8	84.4	83

Note any changes to the system

Inc. lime for speed up to 10.4 CPD Feed 83

Date 6-3-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/3	2220	53/80	392	375	5.06	57°	10.8	83.7	83
	0038	53/80	387	371	5.03	55°	10.8	82.7	83
	0256	53/80	393	371	5.35	54°	10.8	79.3	83
	0514	53/80	387	368	5.22	54°	10.8	82.01	83
	232	53/80	398	375	5.28	56°	10.8	83.3	83
	950	53/80	397	375	5.19	60°	10.8	81.6	--
	1208	53/80	395	382	5.13	68°	11.0	83.4	--
	1426	53/80	406	383	5.35	80	11.0	84.1	83
	1644	53/79	402	383	5.17	80	11.0	82.9	83
	1802	53/80	403	379	5.31	79	11.0	83.4	83
	2120	53/79	404	384	5.28	78	11.0	83.9	83

Note any changes to the system

958 Inc. lime rate to 11.0 lbs.

Date 6-4-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/4	2338	53/78	387	369	5.24	63	11.0	82.7	83
	0156	53/78	401	380	5.34	60	11.0	81.4	83
	0414	53/80	401	379	5.32	61°	11.0	83.8	83
	632	53/80	403	380	5.30	62°	11.0	84.3	83
	850	53/78	392	378	5.31	65°	11.0	82.9	"
	1108	53/80	404	384	5.17	74°	11.0	84.7	"
	1326	53/80	392	378	5.21	82°	11.0	86.0	"
	1544	53/80	409	396	5.22	85	11.0	87.8	83
	1802	53/77	408	392	5.11	84	11.0	85.0	83
	2020	53/77	409	393	5.26	84	11.0	84.4	83

Note any changes to the system

Date 6-5-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/5	2238	53/79	406	386	5.18	74°	11.0	83.8	83
	0056	53/77	400	385	5.19	73°	11.0	81.4	83
	0314	53/77	399	385	5.21	71°	11.0	82.3	83
	0532	53/77	406	384	5.31	69°	11.0	81.7	83
	0750	53/82	401	384	5.18	70°	11.0	83.5	83
	1008	53/80	401	385	5.15	75	11.0	84.1	83
	1226	53/81	413	389	5.26	80	11.0	85.2	83
	1444	53/80	407	390	5.20	88	11.0	83.7	83
	1702	53/77	413	391	5.28	88	11.0	87.2	83
	1920	53/78	419	398	5.20	87	11.0	82.9	83
	2138	53/75	419	395	5.27	86	11.0	85.7	83

Note any changes to the system

Date 6-6-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/6	2356	53/77	407	387	5.32	74°	11.0	83.5	83
	0214	53/77	402	385	5.17	71°	11.0	83.8	83
	0432	53/77	404	388	5.18	69°	11.0	82.6	83
	0650	53/77	402	385	5.18	69°	11.0	80.9	83
	0908	53/77	414	390	5.21	75°	11.0	78.8	83
	1126	53/78	408	387	5.25	81	11.2	82.7	83
	1344	53/81	414	395	5.29	89	11.2	83.2	83
	1602	53/77	416	403	5.17	89	11.2	81.9	83
	1820	53/75	414	397	5.17	90	11.2	83.4	83
	2038	53/75	413	392	5.19	96	11.2	83.4	83

Note any changes to the system

Inc lime to 11.2

Date 6-7-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/7	2256	53/76	424	400	5.3	76°	11.2	92	83
	114	53/76	416	392	5.3	74°	11	87.3	83
	332	53/80	413	393	5.2	72°	"	83.3	"
	550	53/79	412	359	5.3	70°	"	83.8	"
	808	53/78	410	392	5.16	71°	11.0	83.3	83
	1024	53/78	408	390	5.3	79°	11.0	92.06	83
	1244	53/78	413	393	5.3	79°	11.0	89.94	83
	1502	53/80	408	394	5.19	80	10.8	83.0	83
	1720	53/77	411	392	5.18	75	10.8	86.9	83
	1938	53/76	411	390	5.29	74	10.8	84.1	83
	2156	53/80	409	396	5.26	68	10.8	87.2	83

Note any changes to the system

Decreased lime rate to 11 2300 DG

Decreased lime to 10.8 = 83 lbs per hour JS

Date 6-8-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/8.	0014	57/80	402	388	5.1	79°	10.7	82.8	83
	232	57/82	411	387	5.1	78°	10.7	87.3	"
	450	53/79	402	388	5.1	77°	10.8	90.2	"
	708	53/78	403	380	5.2	69°	10.6	87.03	"
	926	53/78	391	376	5.2	72°	10.4	87.56	"
	1144	53/78	400	381	5.2	76°	10.0	83.3	"
	1402	53/78	401	387	5.1	80°	10.0	83.6	"
	1620	53/77	405	388	5.26	80	10.0	84.7	83
	1838	53/77	401	389	5.15	81	10.0	83.2	83
	2056	53/80	416	390	5.39	75	10.0	85.1	83

Note any changes to the system

Decreased lime rate to 10.6 OG
Decreased lime rate to 10.4 = 83 lbs per hours J.S.
Decreased lime rate to 10.0 = 83 lbs per hours LC

Date 6-9-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/9	2314	53/80	407	384	5.2	71°	10	85.9	83
	132	53/79	401	387	5.2	69°	"	84.6	"
	350	53/79	406	386	5.3	68°	"	87.4	"
	608	53/78	406	384	5.35	65°	10.0	86.1	83
	826	53/85	403	385	5.2	70°	10.0	78.04	83
	1044	53/78	405	391	5.2	78°	10	81.81	83
	1302	53/78	411	391	5.3	84	10.0	82.53	
	1520	53/88	413	397	5.24	88	10.5	86.2	8.3
	1738	53/78	418	395	5.42	84	10.5	84.7	83
	1956	53/78	417	393	5.4	78	10.5	84.5	8.3

Note any changes to the system

increase lime rate to 10.5 @ 887am from 10.0 = 83 lbs/hr/hourly

Date 6-10-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/9	2214	53/80	410	394	5.3	72°	10.2	78.9	83
	0032	53/79	413	393	"	69°	"	80.9	"
	250	53/80	407	390	5.4	66°	"	79.3	"
	508	53/80	409	388	5.5	62°	"	78.8	"
	726	53/80	403	384	5.5	64°	"	78.7	"
	944	53/83	398	383	5.4	74°	10.5	82.7	"
	1202	53/88	417	394	5.5	82	10.5		"
	1400	53/80	413	392	5.60	86°	10.5	88.9	"
	1638	53/80	425	400	5.55	88°	10.4	85.8	"
	1856	53/82	424	408	5.44	88°	10.4	86.7	"
	2114	53/78	417	399	5.29	78°	10.4		"

Note any changes to the system

increase lime rate from 10.2 to 10.5 to = 83 lbs per hour to

1425 Cut lime rate to 10.4 to = 83 lbs.

Date 6-10-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/11	2332	53/77	420	403	5.5	74°	10.4	83.3	83
	150	53/76	414	399	"	69°	"	81.4	"
	408	53/78	415	398	"	64°	"	80.5	"
	626	53/76	416	394	5.6	64°	10.4	77.5	"
	844	53/80	420	393	5.5	70°	10.5	70.1	"
	1102	53/78	419	397	5.6	78°	10.8	81.52	"
	1320	53/	416	357	5.5	88°	10.8	84.4	"
	1538	53/78	410	395	5.43	92°	10.8	83.9	"
	1756	53/76	403	403	5.51	88°	10.8	85.5	"
	2014	53/75	422	406	5.47	88°	10.8	85.0	"

Note any changes to the system

increase lim rate to 10.5 from 10.4 lb

Increase lime rate to 10.8 from 10.5 lb

Date 6-12-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/12	0055	53/75	421	398	5.2	61°	10.7	83.3	83
	313	53/76	400	380	5.3	59°	"	82	"
	531	53/79	387	366	5.6	"	"	84.2	"
	749	53/82	379	362	5.3	"	"	84.6	"
	1007	53/83	377	362	5.4	68	10.7	85.1	83
	1225	53/83	371	359	5.3	75	10.7	83.2	83
	1443	53/80	376	366	5.4	83	10.7	85.0	83
	1701	53/77	386	365	5.3	87	10.7	84.1	83
	1919	53/79	384	368	5.3	70	10.7	83.4	83
	2137	53 80	387	374	5.3	68	10.7	85.4	83

Note any changes to the system

Date 6-13-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/13	2355	53/76	386	373	5.2	66°	10.8	83.3	83
	213	53/80	398	376	5.3	64°	"	82.5	"
	431	53/80	401	378	"	62°	"	87.8	"
	649	53/76	407	387	"	62°	10.7	81.4	"
	907	53/80	413	392	"	65°	10.8	84.6	"
	1125	53/80	413	397	5.3	72	10.7	82.2	83
	1343	53/77	418	404	5.2	75	10.7	84.1	83
	1607	53/75	425	409	5.2	80	10.7	85.2	83
	1819	53/75	431	416	5.2	81	10.7	84.7	83
	2037	53/75	437	417	5.3	80	10.7	83.2	83

Note any changes to the system

Date 6-14-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/14	210	53/80	426	404	5.1	54°	10.7	75	83
	438	53/76	402	383	5.2	60°	11	80.2	11
	646	53/25	389	367	5.27	50°	11.0	81.1	83
	904	53/25	384	367	5.36	58°	11.1	82.7	83
	1122	53/25	391	372	5.24	65°	11.1	84.1	83
	1340	53/78	394	374	5.36	70°	11.1	83.7	--
	1558	53/78	390	373	5.2	72°	11.1	88.1	--
	1816	53/78	395	372	5.4	70	10.8	86.3	--
	2034	53/78	390	366	5.4	62°	10.8	81.21	--

Note any changes to the system

Increase lime rate to 11

Inc. lime rate to 11.1 lbs.

decrease lime rate to 10.8 lbs per hr LC

Date 6-15-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/15	2252	53/89	382	365	5.2	55°	10.8	80.6	83
	110	53/89	379	363	"	54°	"	79.9	"
	328	53/80	386	361	5.4	"	"	81.7	"
	546	53/40	383	364	"	52	"	84.6	"
	804	53/85	386	368	5.36	55°	10.8	83.1	83
	1022	53/85	401	378	5.38	60°	10.8	84.4	"
	1240	53/84	404	387	5.30	68°	10.8	83.7	"
	1458	53/82	400	385	5.3	72°	10.8	87.5	=
	1716	53/83	410	350	5.4	70°	10.8	87.2	=
	1934	53/77	412	390	5.4	70°	10.8	85.4	=
	2152	53/75	408	387	5.4	60°	10.8	84.3	=

Note any changes to the system

Date 6-16-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/16	0012	53/82	396	382	5.2	52°	10.8	86.4	85
	228	53/84	392	378	5.3	46°	"	79.8	"
	446	53/81	395	371	5.5	44°	"	79.2	"
	704	53/84	397	378	5.54	48°	"	77.1	"
	922	53/85	399	381	5.79	55°	11.0	85.7	83
	1140	53/85	385	379	5.41	64°	11.0	84.9	"
	1358	53/84	409	389	5.39	68°	11.0	91.7	"
	1618	53/80	400	376	5.5	70°	11.0	87.5	=
	1842	53/80	401	379	5.6	72°	10.8	87	=
	2106	53/77	404	378	5.5	64°	10.8	81.3	=

Note any changes to the system

710 Inc. lime rate to 11.0 lbs.

1350 Cut back lime rate to 10.8 lbs.

Date 6-17-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/17	2330	53/78	386	370	5.35	57°	10.8	81.6	83
	0154	53/77	399	377	5.56	54°	10.8	78.3	83
	0418	53/77	392	368	5.53	47°	11.0	80.6	83
	642	53/78	392	369	5.54	46°	11.2	81.1	83
	906	53/80	392	371	5.59	58°	11.2	84.4	--
	1130	53/80	399	380	5.42	76°	10.1	78.1	76
	[illegible]	53/80	404	380	5.57	82°	10.1	78.9	--
	1630	53/78	407	381	5.4	82°	10.1	79.6	--
	1900	53/78	386	371	5.4	80°	10.1	78.4	=
	2130	53/75	385	370	5.4	72°	10.1	81.7	=

Note any changes to the system

Inc lime to 11.0 = 83 lbs per hrs JS.
Inc lime to 11.2 = 83 lbs per hrs JS.
Cut lime rate to 10.1 = 76 lbs.
Cut lime rate to 9.8 per hr

Date 6-18-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/18	0000	53/80	380	363	5.61	73°	9.8	77.3	76
	0230	53/77	378	360	5.45	72°	9.8	73.01	76
	0500	53/81	379	360	5.46	68°	9.8	70.1	76
	730	53/78	377	359	5.48	60°	10.2	74.6	76
	1000	53/78	384	358	5.52	60°	10.2	75.2	--
	1230	53/80	388	365	5.75	72°	10.2	77.1	--
	1500	53/88	391	367	5.4	78°	10.2	80.1	--
	1730	53/83	390	370	5.4	78°	10.2	79.2	—
	2000	53/83	383	368	5.4	78°	10.2	78.6	—

Note any changes to the system

Inc lime to 10.2 = 76 lbs per hour J.S.

Date 6-19-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/19	2230	53/77	379	363	5.35	71°	10.2	80.2	76
	0100	53/76	382	364	5.44	67°	10.2	84.3	76
	0330	53/80	376	361	5.41	64°	10.2	83.7	76
	0600	53/80	383	364	5.54	63°	10.2	84.3	76
	0830	54/84	387	370	5.65	66°	10.0	78.8	76
	1100	54/83	393	376	5.66	65	9.9	78.8	76
	1330	54/87	382	364	5.61	64	9.9	78.1	76
	1600	54/85	393	365	5.90	60	9.9	78.7	76
	1830	54/85	394	372	5.80	67	9.9	77.9	76
	2100	54/85	395	373	5.80	65	9.9	78.0	76

Note any changes to the system

Decreased lime to 10.0 = 76 lbs per hr JS.
Bill inc exhaust fan 1 Hz 53.0 to 54.0 JS

Date 6-20-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/20	2330	54/85	390	367	5.91	58°	10.0	77.9	76
	0200	54/82	387	368	5.76	57°	10.0	75.3	76
	0430	54/83	382	365	5.56	59°	10.0	72.7	76
	0700	54/85	377	361	5.75	58°	10.2	75.9	76
	0930	54/85	379	364	5.74	66°	10.2	76.4	76
	1200	54/85	389	366	5.80	74	10.2	76.7	76
	1430	54/82	391	371	5.89	84	10.2	77.4	76
	1700	54/82	380	368	5.72	81	10.2	78.4	76
	1930	54/80	385	371	5.75	80	10.2	78.1	76

Note any changes to the system

Date 6-21-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-21-21	2200	54/85	381	365	5.6	72°	10.2	82.1	76
	0030	54/80	384	361	5.5	70°	10.2	76.2	--
	0300	54/80	373	359	5.3	62°	10.2	78.1	--
	0530	54/85	383	356	5.4	60°	10.2	76.1	=
	0800	54/86	378	354	5.44	64°	10.2	77.3	76
	1030	54/85	370	354	5.36	68°	10.2	83.8	76
	1300	54/87	375	352	5.55	60°	10.2	79.1	76
	1530	54/85	370	355	5.36	64°	10.2	77.4	--
	1800	54/85	394	369	5.69	60°	10.2	77.1	--
	2030	54/84	384	369	5.60	56°	10.2	78.7	--

Note any changes to the system

Date 6/22/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/22	2300	54/83	381	367	5.4	46°	10.2	78.3	76
–	0130	54/89	378	358	5.7	40°	10.1	81.7	"
–	0400	54/85	374	361	5.6	38°	10.1	75.3	"
–	0630	54/87	373	359	5.64	37°	10.1	76.4	76
	0900	54/86	378	357	5.69	47°	10.1	77.7	76
	1130	54/85	384	362	5.60	54°	10.1	87.0	76
	1400	54/85	388	366	5.52	60°	9.8	80.9	76
	1630	54/85	382	368	5.62	58°	9.6	81.7	"
	1900	54/88	383	367	5.53	58°	9.6	78.9	"
	2130	54/89	385	366	5.44	50°	9.6	77.1	"

Note any changes to the system

Cut lime rate to 9.6 lbs.

Date 6/23/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/23	0000	54/85	360	370	5.6	48°	9.6	76.1	76
	0230	54/84	377	363	5.5	44°	"	74.9	
	0500	54/85	383	363	5.6	42°	"	74.4	
	0730	54/85	373	358	5.64	50°	9.6	75.3	
	1000	54/87	378	363	5.56	56°	9.6	80.1	
	1230	54/85	391	371	5.63	64°	9.6	77.2	
	1500	54/85	389	369	5.85	55°	9.6	78.3	
	1730	53/85	390	371	5.43	58°	9.6	76.8	
	2000	53/82	391	373	5.41	70°	9.6	78.4	

Note any changes to the system

1600 Cut draft to 53 HZ per RS.

Date 6/24/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/24	2230	53/84	394	371	5.4	64°	9.6	72.1	76
	0100	53/88	385	370	5.5	63°	9.6	68.1	
	0330	53/83	394	372	5.5	62°	9.8	73.4	
	0600	53/85	391	371	5.5	58°	9.8	78.1	
	0830	53/83	385	368	5.42	64°	9.8	87.8	
	1100	53/80	395	373	5.46	70°	9.4	82.2	
	1330	53/80	402	378	5.51	75°	9.2	78.8	
	1600	53/82	403	379	5.56	42°	9.2	77.7	
	1830	53/75	395	371	5.53	60°	9.2	78.3	
	2100	53/80	400	379	5.40	64°	9.2	77.6	

Note any changes to the system

increase lime rate 9.8 1Am charge LC

Decreased lime to 9.4 = 76 lbs per hrs JS.

Decreased lime to 9.2 = 76 lbs per hrs JS.

Date 6/25/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/25	2330	53/83	393	379	5.4	64°	9.2	80.1	76
	0200	53/82	393	378	"	"	"	77.2	
	0430	53/83	394	378	5.4	64	"	79.1	
	0700	53/80	388	371	5.46	62°	9.2	78.8	
	0930	53/82	395	371	5.56	63°	9.2	57.4	
	1200	53/82	383	363	5.47	64°	10.0	63.7	
	1430	53/85	398	369	5.52	66°	11.2	91.1	
	1700	53/80	389	371	5.33	65°	11.2	102.4	
	1930	53/78	395	360	5.37	66°	10.0	75.6	

Note any changes to the system

Inc lime to 10.0 = 76 lbs per hr J.S.
Inc lime to 11.2 = 76 lbs per hrs J.S.
1655 Cut lime rate to 10.0 lbs.

Date 6-26-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6-26-21	2200	53/78	394	364	5.20	64°	10.0	76.6	76
	0030	53/80	378	360	5.3	64°	"	72.4	
	300	53/81	388	371	5.1	62°	10.2	67.9	
	530	53/86	388	365	5.2	64°	"	71.6	
	800	53/85	382	366	5.1	64°	"	54.2	
	1030	53/80	385	365	5.38	72°	11.0	62.7	
	1300	53/80	394	369	5.30	70°	11.0	52.4	
	1530	53/78	400	374	5.35	80°	12.0	55.6	
	1845	53/80	385	364	5.27	66°	13.1	75.8	
	2145	53/80	391	358	5.31	68°	13.1	76.4	

Note any changes to the system

increased lime rate to 10.2 DA 300
increased lime rate to 10.8 DA 805
1038 Inc lime rate to 11.0 lbs.
1305 Inc. lime rate to 12.0 lbs.
1505 Inc. lime rate to 13.1 lbs

Date 6-27-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/27/21	0045	53/84	378	355	5.2	70°	13.1	52.4	76
	345	53/89	379	358	"	69°	13.3	80.2	"
	645	53/92	368	350	"	68°	"	86.9	"
	945	53/82	374	354	5.1	72°	7	50.8	"
	1245	53/82	370	350	5.28	80°	14.2	78.7	"
	1545	53/85	378	360	5.45	85°	14.2	86.2	"
	1845	53/85	375	358	5.19	80°	14.2	79.1	"
	2145	53/85	373	362	5.30	76°	14.2	72.4	"

Note any changes to the system

increased lime rate to 13.3 0050 DG
increased lime rate to 13.5 655 DG
increased lime rate to 14 950 DG

Date 6/28/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/28	0045	53/85	377	355	5.3	70°	14.2	81.7	76
	0345	53/85	365	350	5.3	64°	14.2	78.1	
	0645	53/90	373	351	5.39	60°	14.2	72.4	
	945	53/90	368	349	5.47	66°	14.2	78.3	
	1245	53/87	380	352	5.39	78°	14.2	78.0	
	1545	53/85	379	359	5.40	85	14.2	77.9	
	1845	53/83	369	356	5.22	80	14.2	78.4	
	2145	53/84	372	352	5.48	72	14.2	79.0	

Note any changes to the system

Date 6/29/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/29	0045	53/84	367	349	5.3	70°	14.2	73.6	76
	0345	53/89	365	352	5.2	68°	14.3	72.3	
	0645	53/86	365	352	5.25	70°	14.2	75.7	
	9/15	53/89	370	351	5.65	76°	14.5	66.7	
	1245	53/86	373	355	5.36	82°	16.0	72.2	
	1645	53/84	380	360	5.38	80	17.0	88.6	
	2045	53 80	381	361	5.38	78	16.5	79.2	

Note any changes to the system

940 Inc. lime rate to 15.0 lbs.
1140 Inc. lime rate to 16.0 lbs.
1240 Inc. lime rate to 17.0 lbs.
1630 Cut lime to 16.5

Date 6/30/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
6/30	0645	53/85	382	362	5.4	74	16.5	86	76
	0945	53/91	380	363	5.3	70°	15.5	86	
	845	53/88	384	361	5.50	70°	14.5	89.7	
	1245	53/87	393	369	5.44	78°	14.5	102.8	
	1645	53/82	386	368	5.37	80	11.0	74.9	
	2027	53/83	387	364	5.56	78	11.0	77.2	

Note any changes to the system

Decrease to 15.5 lbs lime per hr Lc
Decrease lime rate to 14.5 lbs per hr Lc
Cut lime rate to 11.0 lbs.

Date 7/1/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/1	0009	53/84	378	356	5.4	68	11	68.2	76
	0351	53/84	374	353	5.5	62	"	74.3	
	733	53/90	375	355	5.48	62°	11.0	75.8	
	1048	53/90	375	357	5.42	62°	11.0	75.9	
	1255	53/89	371	355	5.38	66°	11.0	76.2	
	1439	53/86	388	363	5.51	75	11.0	78.5	
	1803	53/80	384	370	5.31	72	11.0	77.2	
	2127	53/86	384	368	5.24	62	11.0	73.9	

Note any changes to the system

Date 7/2/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/2	0051	53/85	363	364	5.2	54	11	73.5	76
	0415	53/88	376	361	5.3	52	11	74.1	
	0739	53/87	371	355	5.26	50°	11.0	74.9	
	1103	53/85	376	362	5.30	64°	11.0	70.1	
	1403	53/86	384	364	5.57	68°	11.5	76.8	
	1703	53/84	382	368	5.34	70	11.5	77.9	
	2003	53/83	384	368	5.35	71	11.5	78.4	

Note any changes to the system

Inc. lime rate to 11.5 lbs. JT

Date 7-3-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/3	2303	53/84	380	365	5.22	61°	11.5	82.8	76
	0203	53/85	395	372	5.46	54°	11.5	80.2	76
	0503	53/83	406	379	5.51	52°	11.5	72.7	76
	0803	53/83	412	383	5.60	55°	11.5	77.2	76
	1103	53/81	422	394	5.63	65	11.5	77.9	76
	1403	53/80	441	412	5.59	76	11.5	81.0	76
	1703	53/80	426	405	5.42	81	11.5	74.9	76
	2003	53/81	427	405	5.36	80	11.5	78.1	76

Note any changes to the system

Date 7-4-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/4	2303	53/78	418	394	5.49	70°	11.5	86.2	76
	0203	53/78	423	393	5.48	64°	11.5	85.7	76
	0503	53/83	385	364	5.54	61°	11.5	91.0	76
	0803	53/83	395	367	5.56	65°	11.5	65.07	76
	1103	53/86	395	369	5.61	77	10.0	74.9	76
	1403	53/80	396	372	5.45	90	10.0	78.2	76
	1703	53/80	401	376	5.38	90	10.0	77.4	76
	2003	53/82	401	380	5.43	87	10.0	75.1	76

Note any changes to the system

Slowed lime rate to 9.6 = 76 lbs per hr J.S.
Inc. lime rate to 10.0 = 76 lbs per hr J.S.

Date 7/5/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/5	2303	53/84	407	382	5.5	76	10	75.9	76
	0203	53/83	393	374	5.4	72	10	74.6	
	0503	53/85	402	376	5.4	68	10	77.5	
	0803	53/84	394	374	5.43	70	10.0	77.5	
	1103	53/82	403	382	5.44	80	10.0	69.8	
	1403	53/80	413	386	5.46	93	10.0	71.2	
	1703	53/81	411	385	5.53	90	10.0	70.8	
	2003	53/83	404	383	5.45	86	10.0	77.0	

Note any changes to the system

Date 7/6/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/6	2303	53/83	397	378	5.5	82	10	73.2	76
	0203	53/82	392	375	5.4	76	10	70.1	
	0503	53/83	386	369	5.6	70	10	73.3	
	0803	53/85	388	371	5.55	71°	10.0	70.1	
	1055	53/86	392	372	5.47	78°	10.2	73.5	
	1346	53/82	406	381	5.55	87°	10.2	77.2	
	1637	53/80	403	385	5.42	90	10.2	78.7	
	1928	53/82	409	390	5.39	87	10.2	76.2	

Note any changes to the system

Inc lime rate to 10.2 = 76 lbs per hours JS.

Date 7/8/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7-7-21	2219	53/84	406	385	5.5	76	10.2	72.4	76
	0059	53/83	399	374	5.6	70	10.2	78	
	0839	53/84	401	376	5.6	66	10.2	74.1	
	0619	53/82	392	370	5.86	68°	10.2	76.4	
	959	53/82	394	374	5.53	72°	10.2	73.9	
	1139	53/85	403	378	5.69	78°	10.2	75.2	
	1419	53/85	409	384	5.39	74	10.2	74.2	
	1659	53/83	411	389	5.49	78	10.2	72.9	
	1939	53/80	410	385	5.60	69	10.2	77.1	

Note any changes to the system

Date 7/8/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/8	2219	53/84	407	384	5.5	68	10.2	72.4	76
	0059	53/85	410	383	5.7	64	10.2	75.4	
	0339	53/82	399	380	5.4	64	10.2	75.9	
	0619	53/85	403	375	5.52	43°	10.2	76.2	
	0859	53/85	408	380	5.65	43°	10.2	50.7	50
	1145	53/85	408	379	5.59	65°	10.2	45.7	
	1415	53/85	400	373	5.99	70°	7.4	47.8	
	1645	53/84	399	379	5.56	70°	7.6	50.4	
	1915	53/85	412	384	5.77	65°	7.6	49.7	
	2145	53/85	408	381	5.84	60°	7.4	51.2	

Note any changes to the system

Decreased lime rate + lbs per hr 7.0 = 50 lbs per hr J.S.
Inc lime rate to 7.4 = 50 lbs per hrs J.S.
Inc. lime rate to 7.6 = 50 lbs.

Date 7/9/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
07/9	0015	53/82	396	377	5.4	56	7.6	48.9	50
	0245	53/83	389	369	5.6	54	7.6	49.7	50
	0515	53/86	390	370	5.5	54	7.6	48.9	50
	0745	53/87	393	366	5.62	55°	7.4	49.7	50
	1015	53/85	394	374	5.65	60°	7.6	50.7	50
	1245	53/88	401	374	5.77	66°	7.6	51.0	50
	1515	53/85	387	370	5.52	70°	7.6	50.2	50
	1745	53/85	400	373	5.74	70°	7.6	51.7	50
	2015	53/82	389	372	5.58	72°	7.6	50.5	50

Note any changes to the system

Date 7/10/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/10	0245	53/84	388	362	5.7	60	7.6	52.1	50
	0115	53/87	366	349	5.8	58	7.6	48.9	50
	0345	53/85	361	346	5.6	56	7.6	48.3	50
	0615	53/85	364	343	5.7	62	7.6	51	50
	0845	53/87	371	348	5.8	60	7.6	50.2	50
	1115	53/85	376	353	5.94	68°	7.6	49.4	50
	1345	53/86	369	353	5.54	70°	7.4	51.3	
	1615	53/88	390	366	5.80	75°	7.4	50.5	
	1845	53/88	378	362	5.97	70°	7.4	50.8	
	2115	53/88	374	358	5.74	66°	7.6	51.7	

Note any changes to the system

Date 7/11/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/11	2345	53/87	371	356	5.6	62	7.6	51.8	50
	0215	53/85	376	352	5.7	60	7.6	49.4	50
	0445	53/85	374	354	5.6	58	7.6	51.9	50
	0715	53/88	369	351	5.6	56	7.6	50.2	50
	0945	53/85	380	354	5.7	62	7.6	52.4	50
	1215	53/86	373	350	5.68	65°	7.6	51.7	50
	1445	53/88	381	357	5.58	66°	7.6	50.2	
	1715	53/86	379	355	5.68	74°	7.6	50.6	
	1945	53/90	384	366	6.08	70°	7.6	51.1	

Note any changes to the system

Date 7/12/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/12	2215	53/84	379	361	5.5	64	7.6	53.2	50
	0045	53/88	378	359	5.6	60	7.6	51.4	60
	0315	53/85	379	360	5.6	60	7.6	52.5	50
	0545	53/85	383	360	5.6	58	7.6	51.2	50
	0815	53/84	384	364	5.54	60°	7.6	58.1	
	1045	53/90	389	367	5.75	65°	7.6	55.2	
132	[illegible]	53/88	388	371	5.57	66°	7.6	56.7	
7-12	1615	53/85	397	374	5.81	69	7.6	54.1	50
	1915								

Note any changes to the system

Date 7/13/21

Firemen

..ore every charge, record the following readings for #1 kiln.

	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/13	2215	53/85	390	370	5.6	68	7.6	49.4	50
	0115	53/86	396	376	5.5	64	7.6	53.1	50
	0415	53/84	395	376	5.6	64	7.6	52.4	50
	0715	53/84	400	374	5.77	66°	7.6	59.7	
	1015	53/82	395	375	5.63	70°	7.6	55.2	
	1315	53/85	403	379	5.85	80°	7.6	60.1	
	1615	53/85	374	361	5.58	65	7.6	57.2	50
	1915	53/83	393	367	5.59	69	7.6	61.2	50

Note any changes to the system

Date 7/14/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/14	2215	53/84	392	370	5.6	66	7.5	55	50
	0115	53/85	399	372	5.6	64	7.5	53.2	50
	0415	53/87	397	374	5.6	62	7.5	53	50
	0715	53/85	395	371	5.69	70	7.6	57.1	50
	1015	53/88	390	371	5.61	78°	7.6	54.4	
	1315	53/84	395	376	5.82	80°	7.6	56.3	
	1615	53/82	397	373	5.77	84	7.6	60.4	50
	1915	53/84	396	374	5.73	82	7.6	58.1	50

Note any changes to the system

Date 7·15·21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/15	2215	53/85	399	371	5.74	73°	7.6	53.2	50
	0115	53/82	396	369	5.80	70°	7.6	55.5	50
	0415	53/84	390	365	5.80	70°	7.6	58.1	50
	715	53/85	384	367	6.24	72°	7.6	57.3	
	1015	53/88	398	369	5.63	76°	7.6	58.1	
	1315	53/88	394	369	5.73	76°	7.6	59.2	
	1630	53/85	390	370	5.50	78	7.6	54.2	50
	1954	53 83	392	366	5.39	73	7.6	57.1	50

Note any changes to the system

Date 7-14-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/16	2318	53/83	391	365	5.60	67°	7.6	55.5	50
	0242	53/83	389	360	5.69	62°	7.6	55.0	50
	607	53/82	394	365	5.99	60°	7.6	53.2	
	931	53/86	390	365	5.81	68°	7.5	54.7	
	1255	53/90	391	366	5.58	74°	7.5	55.5	
	1619	53/85	386	359	5.75	70	7.5	51.2	50
	1943	53/85	382	364	5.68	68	7.5	52.7	50

Note any changes to the system

cut lime rate to 7.5 lbs.

Date 7-17-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/17	2307	53/85	384	363	5.63	65°	7.5	53.3	50
	0231	53/84	382	361	5.67	63°	7.5	55.0	50
	0535	53/83	382	361	5.57	61°	7.5	55.5	50
	0919	53/87	394	366	5.64	65°	7.5	56.3	50
	1215	53/86	388	376	5.60	72	7.5	54.7	50
	1515	53/86	389	367	5.68	78	7.5	55.1	50
	1815	53/86	402	374	5.88	79	7.5	54.7	50
	2115	53/85	395	367	5.75	70	7.5	51.4	50

Note any changes to the system

Date 7-18-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/18	0015	53/84	383	358	5.74	59°	7.5	62.4	50
	0315	53/87	380	357	5.72	56°	7.5	62.1	50
	0615	53/86	387	340	5.68	53°	7.0	51.3	50
	0915	53/85	386	358	5.63	64°	7.0	52.7	50
	1206	53/83	385	362	5.64	74	7.0	53.2	50
	1457	53/84	391	365	5.65	85	7.0	51.0	50
	1748	53/86	382	364	5.67	82	7.0	52.2	50
	2039	53/84	373	359	5.68	74	7.0	50.4	50

Note any changes to the system

cut lime speed to 7.0 = 50 lbs per hour JS.

Date 7/19/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/19	2230	53/85	370	355	5.5	64	7.0	49.4	50
	0221	53/88	378	357	5.6	64	7.0	52.3	50
	0512	53/88	377	356	5.5	62	7.0	49.7	50
	0803	53/87	389	361	5.54	63°	7.0	50.2	50
	1030	53/88	386	363	5.59	71°	7.0	50.5	50
	1310	53/86	396	369	5.42	79°	7.0	52.1	50
	1550	53/83	390	368	5.54	83°	7.0	51.8	50
	1830	53/87	401	375	5.5	82°	7.0	51	50
	2110	53/88	395	370	5.6	74°	7.0	52.3	50
7/20	2350	53/85	392	373	5.5	71°	7.0	50.2	50
	0230	53/86	392	366	5.5	66°	7.0	49.7	50
	0510	53/83	386	364	5.5	62	7.0	49.2	50
	0750	53/88	382	362	5.45	63°	7.0	51.8	50
	1030	53/88	390	368	5.52	72°	7.0	51.5	50
	1310	53/87	391	370	5.51	81°	7.0	52.1	50
	1550	53/82	398	374	5.58	83°	7.0	51.8	50
		Note any changes to the system							
	1830	53/85	399	379	5.5	76°	7.0	52.9	50
	2110	53/84	392	373	5.5	70°	7.0	50.5	50

Date 7/21/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/21	2350	53/86	388	370	5.6	64°	7.0	51.2	50
	0230	53/85	390	367	5.7	62°	7.0	49.4	50
	0510	53/86	384	366	5.5	58°	7.0	49.2	50
	0750	53/86	387	364	5.68	58°	7.0	47.9	50
	1030	53/88	395	369	5.99	65°	7.0	49.3	
	1310	53/86	393	369	5.78	70°	7.0	50.2	
	1550	53/83	394	372	5.73	73°	7.0	51.5	50
	1830	53/86	387	370	5.60	72°	7.0	50.5	50
	2110	53/87	383	364	5.60	61°	7.0	51.8	50

Note any changes to the system

Date 7·22·21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/22	2350	53/86	382	363	5.5	56°	6.98	50	50
	0730	53/75	383	358	5.3	50°	6.9	49.7	50
	0905	53/86	387	369	5.31	59°	6.9	53.1	50
	1145	53/88	396	363	5.53	68°	6.9	52.8	50
	1425	53/88	392	368	5.44	88°	6.9	51.2	
	1705	53/86	389	347	5.31	76°	6.9	49.6	
	1945	53/85	391	366	5.39	70°	6.9	50.4	

Note any changes to the system

Date 7/23/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/23	0225	53/87	384	364	5.2	66°	6.9	47.1	50
	0105	53/86	374	356	5.3	64°	6.9	49.4	50
	0345	53/86	386	366	5.3	64°	6.9	48.1	50
	0625	53/87	384	354	5.42	63°	6.9	43.9	50
	0905	53/87	384	363	5.41	67°	7.2	52.1	50
	1145	53/87	391	364	5.46	60°	7.2	52.1	50
	1425	53/86	393	373	5.73	80°	7.2	51.3	
	1705	53/86	394	371	5.57	79°	7.2	50.0	
	1945	53/	396	370	5.33	74°	7.2	50.8	

Note any changes to the system

Speed lime rate up to 7.2 = 50 lbs per hr J.S.

Date 7/24/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/24	2225	53/85	394	373	5.1	68°	7.2	47.6	50
	0105	53/86	402	380	5.1	66°	7.2	49.2	50
	0345	53/85	399	375	5.2	66°	7.2	47.6	50
	0625	53/84	396	378	5.2	68°	7.2	48.9	50
	0905	53/85	408	379	5.2	70°	7.2	5[illegible]	50
	1145	53/84	410	379	5.46	80°	7.2	51.1	
	1425	53/82	401	379	5.46	86°	7.2	50.3	
	1705	53/82	401	379	5.53	88°	7.2	51.4	
	1945	53/84	400	362	5.32	78°	7.2	52.8	

Note any changes to the system

Date 7/25/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/25	2225	53/82	406	373	5.3	72°	7.2	49.2	50
	0105	53/83	407	376	5.2	68°	7.2	49.6	50
	0345	53/83	387	375	5.2	66°	7.2	47.6	50
	0625	53/85	393	376	5.3	64°	7.2	47.8	50
	0905	53/86	400	373	5.3	68°	7.2	49.2	50
	1145	53/82	403	374	5.44	80°	7.2	49.7	50
	1425	53/84	394	375	5.28	90°	7.2	49.2	
	1705	53/84	398	371	5.33	90°	7.2	50.8	
	1945	53/85	394	368	5.47	84°	7.2	54.4	

Note any changes to the system

Date 7/26/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/26	2225	53/86	384	366	5.2	72°	7.2	48.1	50
	0058	53/85	394	366	5.3	66°	7.2	48.4	50
	0331	53/65	391	366	5.2	62°	7.2	49.2	50
	0604	53/86	386	364	5.2	59°	7.2	47.9	50
	0837	53/88	399	369	5.33	68°	7.2	52.3	50
	1110	53/86	401	371	5.35	78°	7.2	53.6	
	1343	53/82	405	379	5.24	88°	7.2	51.4	
	1616	53/86	399	378	5.22	89	7.2	52.6	50
	1849	53/86	400	380	5.22	86	7.2	51.9	50
	2122	53/86	406	375	5.34	78	7.2	52.0	50

Note any changes to the system

Date 7/27/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/27	2355	53/84	398	376	5.3	72°	7.2	47.1	50
	0228	53/85	395	371	5.4	68°	7.2	48.9	–
	0501	53/82	395	367	5.4	68°	7.2	47.3	–
	0734	53/88	401	373	5.45	70°	7.2	50.9	50
	1007	53/85	388	367	5.48	72°	7.2	50.3	
	1240	53/85	399	374	5.39	74°	7.2	50.0	
	1513	53/87	404	375	5.42	80	7.2	51.2	50
	1743	53/87	392	371	5.28	84	7.2	52.0	50
	2013	53/86	390	373	5.20	80	7.2	51.9	50

Note any changes to the system

Date 7/28/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/28	2243	53/83	392	365	5.3	72°	7.2	48.6	50
	0113	53/85	386	364	5.3	68°	7.2	48.4	50
	0343	53/85	384	362	5.2	64°	7.2	55	50
	0613	53/86	376	359	5.57	60°	6.6	53.9	50
	843	53/86	385	357	5.38	60°	6.4	55.2	
	1113	53/86	371	352	5.34	70°	6.4	54.6	
	1343	53/88	373	352	5.32	80°	6.4	55.2	
	1613	53/86	382	359	5.37	80	6.4	51.2	50
	1843	53/85	375	354	5.30	83	6.4	54.2	50
	2113	53/86	374	351	5.39	75	6.4	53.7	50

Note any changes to the system

Decrease lime rate 6.6 per Hr LC

848 cut lime to 6.4

Date 7-29-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/29	2343	53/84	361	346	5.27	71°	6.4	51.3	50
	0213	53/88	365	349	5.17	73°	6.4	50.9	50
	0443	53/83	372	351	5.36	72°	6.4	48.6	50
	713	53/85	369	351	5.23	72°	6.4	49.6	50
	943	53/86	368	353	5.43	74°	6.4	52.7	
	1213	53/86	372	352	5.69	78°	6.4	54.4	
	1443	53/87	376	358	5.33	87	6.4	53.9	50
	1713	53/85	376	361	5.35	86	6.4	52.9	50
	1943	53/86	374	353	5.26	80	6.4	47.0	50

Note any changes to the system

Date 7-30-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/30	2213	53/86	372	350	5.35	70°	6.4	49.2	50
	0043	53/83	379	352	5.38	64°	6.4	49.5	50
	0313	53/85	366	348	5.24	59°	6.4	40.7	50
	0543	53/84	393	349	5.35	55°	6.8	51.8	50
	813	53/88	371	352	5.28	58°	6.8	50.3	
	1043	53/88	372	352	5.34	64°	6.8	51.8	
	1313	53/88	376	350	5.33	67°	6.8	51.2	
	1543	53/90	378	354	5.46	73	6.8	50.5	50
	1813	53/88	373	351	5.34	70	6.8	51.2	50
	2043	53/88	365	347	5.27	64	6.8	50.9	50

Note any changes to the system

Inc lime speed to 6.8 = 50 lbs per hrs JS.

Date 7-31-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
7/31	2313	53/85	360	344	5.37	58°	6.8	51.3	50
	0143	53/85	361	342	5.34	54°	6.8	50.7	50
	0413	53/85	368	343	5.49	50°	6.8	50.5	50
	0643	53/88	354	338	5.39	49°	6.8	52.3	50
	0913	53/87	366	342	5.48	56°	6.8	51.3	50
	1143	53/87	371	349	5.52	67	6.8	51.8	50
	1413	53/90	358	343	5.49	72	6.8	52.4	50
	1643	53/88	365	348	5.26	76	6.8	50.7	50
	1913	53/87	367	341	5.45	74	6.8	51.2	50
	2143	53/88	370	350	5.41	68	6.8	51.7	50

Note any changes to the system

Date 8-1-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/1	0013	53/83	362	347	5.38	63°	6.8	51.3	50
	0243	53/84	364	346	5.31	57°	6.8	50.7	50
	0513	53/85	369	348	5.30	55°	6.8	50.3	50
	0743	53/84	375	350	5.46	55°	6.8	51.5	50
	1013	53/90	373	347	5.40	60	6.8	52.1	50
	1243	53/90	364	349	5.23	65	6.8	50.4	50
	1513	53/88	367	347	5.39	63	6.8	51.7	50
	1743	53/90	375	350	5.52	64	6.8	52.4	50
	2013	53/88	368	344	5.52	64	6.8	51.9	50

Note any changes to the system

Date 8/2/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/2	2237	53/85	363	343	5.3	54	6.8	49.4	50
	0101	53/87	365	340	5.5	50	6.8	50.4	—
	0325	53/87	357	338	5.4	48°	6.8	50.5	—
	0549	53/88	351	331	5.3	48°	6.8	51.8	
	0813	53/87	346	322	5.61	52°	6.8	47.6	50
	1037	53/90	357	332	5.55	61°	6.8	47.0	50
	1301	53/88	365	339	5.51	68°	6.6	51.3	50
	1525	53/88	371	347	5.58	72	6.6	49.7	50
	1749	53/90	360	345	5.34	73	6.6	50.2	50
	2013	53/86	364	349	5.35	70	6.6	51.4	50

Note any changes to the system

Decreased lime speed to 6.6 = 50 lbs Per hrs JS.

Date 8/3/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/3	2237	53/86	370	345	5.4	58°	6.6	48.7	50
	0101	53/87	356	338	5.3	56°	6.6	49.2	–
	0325	53/85	360	342	5.3	52°	6.6	48.9	–
	0549	53/85	366	340	5.4	52°	6.6	50.5	–
	0813	53/87	352	335	5.39	56°	6.6	55.02	50
	1037	53/86	370	348	5.40	67°	6.6	50	50
	1301	53/87	368	353	5.40	72°	6.6	46.2	50
	1525	53/86	373	353	5.42	80	6.6	46.2	50
	1746	53/90	380	355	5.43	79	6.8	52.6	50
	2006	53/87	375	356	5.44	70	6.8	51.5	50

Note any changes to the system

1523 Inc. lime to 6.8

Date 8/4/4

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/4	2229	53/83	370	350	5.4	62°	6.8	51.5	50
	0049	53/85	379	350	5.5	58°	6.8	50.5	50
	0310	53/85	374	350	5.4	56°	6.8	48.9	50
	0531	53/86	369	349	5.4	54°	6.8	48.2	50
	0752	53/86	364	349	5.38	56°	6.8	49.2	
	1013	53/86	380	354	5.88	68°	6.8	54.3	
	1257	53/88	378	354	5.84	70°	6.8	56.3	
	1455	53/85	366	351	5.32	82	6.8	54.1	50
	1716	53/84	371	354	5.42	80	6.8	50.4	50
	1937	53/84	378	354	5.34	79	6.8	55.1	50
	2158	53/85	379	352	5.52	67	6.8	54.2	50

Note any changes to the system

Date 8-5-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/5	0019	53/84	377	353	5.4	62°	6.7	48.4	50
	0240	53/86	369	349	5.4	58°	6.7	49.8	50
	0501	53/85	370	349	5.2	56°	6.7	47.4	50
	0722	53/87	362	348	5.34	57	6.8	47.6	50
	0943	53/87	368	350	5.39	69	6.8	47.8	50
	1204	53/84	374	355	5.49	78	7.0	45.5	50
	1425	53/87	382	364	5.36	90°	7.0	49.1	
	1646	53/86	384	360	5.48	85°	7.0	48.3	
	1907	53/85	384	365	5.35	82°	7.0	49.6	
	2128	53/85	392	365	5.37	74°	7.0	48.4	

Note any changes to the system

0945 Inc lime to 70

Date 8-6-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/6	2349	53/85	378	361	5.2	66°	7.0	51.8	50
	0210	53/86	381	362	5.3	66°	7.0	51.3	50
	0431	53/82	384	361	5.3	62°	7.0	45.2	50
	0652	53/84	378	357	5.34	62	7.2	48.2	50
	0913	53/86	374	354	5.38	69	7.2	47.4	50
	1134	53/87	387	359	5.55	74	7.2	46.2	50
	1355	53/88	383	363	5.47	78	7.2	42.9	50
	1616	53/85	385	361	5.25	82°	7.2	46.7	
	1837	53/85	379	356	5.45	78°	7.2	48.4	
	2058	53/85	380	358	5.59	72°	7.2	50.3	

Note any changes to the system

increase lime rate to 7.2 LC

Date 8-7-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/7	2314	57/83	373	354	5.4	66°	7.2	47.6	50
	140	53/85	376	357	"	64°	"	48.4	"
	401	53/84	378	353	"	"	7.1	48.1	"
	622	53/88	364	350	"	62°	"	48.4	"
	843	53/84	364	34[illegible]	"	"	"	49.2	"
	1104	53/85	370	353	5.44	70°	7.2	47.4	50
	1325	53/85	385	360	5.64	76°	7.2	49.2	
	1546	53/84	390	364	5.58	82°	7.2	49.6	
	1807	53/84	378	354	5.82	80°	7.2	48.9	
	2028	53/84	389	367	5.44	78°	7.2	50.7	

Note any changes to the system

Date 8/8/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/8	2249	53/85	378	359	5.4	72°	7.2	45.7	50
	0110	53/85	375	354	5.5	70°	7.2	46.5	50
	0331	53/86	375	357	5.4	70°	7.2	46.8	50
	0552	53/85	376	349	5.4	66°	7.2	47.6	50
	0813	53/86	383	355	5.4	66°	7.2	50.2	50
	1034	53/84	380	355	5.59	75°	7.2	48.8	
	1255	53/85	377	357	5.75	82°	7.2	49.4	
	1514	53/85	389	364	5.38	88°	7.2	51.1	
	1737	53/82	384	366	5.61	88°	7.2	49.9	
	1958	53/85	378	362	5.45	82°	7.2	50.5	

Note any changes to the system

Date 8-9-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/9	2219	53/85	374	360	5.4	74°	7.2	47.1	50
	0040	53/85	382	360	5.5	74°	7.2	48.1	50
	0301	53/85	372	358	5.3	72°	7.2	48.4	50
	0522	53/86	380	356	5.5	70°	7.2	48.6	50
	0743	53/88	383	358	5.52	70°	7.2	49.7	
	1004	53/83	389	365	5.50	78°	7.0	57.0	
	1222	53/86	384	361	5.59	86°	7.0	48.7	
	1440	53/86	385	362	5.50	93	7.0	47.8	50
	1658	53/84	384	363	5.38	85	7.0	46.2	50
	1916	53/85	379	358	5.35	82	7.0	48.2	50
	2134	53/86	369	352	5.49	78	7.0	46.8	50

Note any changes to the system

900 cut lime to 7.0 lbs.

Date 8-10-21

Firemen

Before every charge, record the following readings for #1 kiln.

ate	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/10	2352	53/87	368	353	5.4	72°	7.0	46.8	50
	0210	53/85	374	353	5.4	72°	7.0	47.8	50
	0428	53/87	376	351	5.5	69°	7.0	51.1	50
	0646	53/88	371	347	5.60	70°	7.0	56.6	
	904	53/88	369	351	5.48	72°	7.0	48.1	
	1122	53/90	377	353	5.49	75°	7.0	48.6	
	1340	53/88	372	357	5.54	79°	7.2	47.2	
	1558	53/85	376	357	5.63	86	7.2	47.3	50
	1816	54/90	381	361	5.61	86	7.2	45.9	50
	2034	54/88	376	355	5.78	82	7.2	47.7	50

Note any changes to the system

1124 7.2 Inc. lime rate.
1600 Inc. the on exhaust to 54

1558
215
1813
2028
2243

Date 8-11-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/11	2243	54/87	376	361	5.5	76°	7.2	51	50
	0058	54/88	378	354	5.7	72°	7.2	49.9	50
	0313	54/90	376	355	5.6	70°	7.2	48.9	50
	0528	54/90	369	353	5.5	66°	7.2	48.1	50
	0743	54/90	379	352	5.66	68°	7.2	43.3	
	0958	54/90	379	340	5.62	75°	7.2	47.9	
	1213	54/90	380	362	5.60	84°	7.2	49.8	
	1428	54/92	383	365	5.75	86	7.2	48.4	50
	1643	54/88	377	359	5.44	75	7.2	46.7	50
	1858	54/86	377	361	5.51	78	7.2	47.9	50
	2113	54/86	383	360	5.69	72	7.2	46.7	50

Note any changes to the system

Date 8.12.21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/12	2328	54/90	371	345	5.62	66°	7.2	50.2	50
	0143	54/89	372	350	5.58	65°	7.2	49.7	
	0358	54/90	377	348	5.62	65°	7.2	50	
	0613	54/95	369	348	5.55	65°	7.2	43.6	
	828	54/95	372	353	5.50	68°	7.2	43.9	
	1043	54/95	368	348	5.69	74°	7.2	46.7	
	1258	54/92	380	356	5.49	80°	7.2	46.0	
	1513	54/88	378	357	5.67	87	7.2	50.2	
	1728	54/88	382	359	5.66	86	7.2	47.2	
	1943	54/90	374	360	5.58	83	7.2	46.9	
	2158	54/90	384	360	5.65	76	7.2	49.1	

Note any changes to the system

Date 8-13-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/13	0013	54/85	377	353	5.64	73°	7.2	51.0	50
	0228	54/89	383	358	5.68	71°	7.2	50.2	50
	0443	54/90	380	361	5.64	70°	7.2	46.8	50
	658	54/90	393	366	5.79	70	7.2	49.7	50
	9:13	54/95	386	360	6.03	70	7.2	51.0	50
	11:28	54/95	387	361	5.85	73	7.2	49.4	50
	1343	54/95	385	359	5.89	80°	7.2	54.7	50
	1558	54/90	371	354	5.69	81	7.2	52.3	50
	1813	54/90	372	354	5.62	78	7.2	50.7	50
	2028	54/87	367	352	5.68	72	7.2	51.4	50

Note any changes to the system

Date 8·14·21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/14	2243	54/90	364	349	5.75	63°	7.2	48.1	50
	0058	54/90	367	344	5.77	58°	7.2	47.6	50
	0313	54/91	375	349	5.69	59°	7.2	48.4	50
	0528	54/93	362	346	5.61	54°	7.2	47.3	50
	0743	54/94	360	345	5.84	53°	7.2	48.6	50
	0958	54/92	367	349	5.65	63°	7.2	47.3	50
	1213	54/92	383	358	5.90	68	7.2	48.1	50
	1428	54/90	365	347	5.76	83	7.2	46.7	50
	1643	54/90	390	363	5.90	72	7.2	45.2	50
	1858	54/90	373	358	5.78	72	7.2	47.2	50
	2113	54/90	364	350	5.72	63	7.2	50.1	50

Note any changes to the system

Date 8.15.21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/15	2328	54/90	366	345	5.7	58°	7.2	48.6	50
	143	54/94	370	351	5.7	54°	"	48.9	"
	358	54/94	364	343	5.7	52°	"	49.2	"
	615	54/94	364	343	5.8	51°	"	48.8	"
	425	54/96	360	344	5.7	58°	"	49.2	"
	1100	54/92	371	350	5.85	66	7.2	50.1	50
1318	~~1321~~	54/93	376	352	5.94	78	7.2	47.2	50
1536	~~1542~~	54/90	372	352	5.80	80	7.2	45.9	50
1754	~~1803~~	54/92	373	354	5.85	76	7.2	47.0	50
2012	~~2024~~	54/90	380	361	5.90	73	7.2	45.9	50

Note any changes to the system

Date 8/16/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/16	2230	54/92	369	353	5.7	60°	7.2	47.6	50
	0048	54/94	366	349	5.6	58°	7.2	48.1	50
	0306	54/92	374	349	5.7	52°	7.2	47.3	50
	0524	54/92	363	346	5.7	52°	7.2	47.0	50
	1082	54/93	390	365	5.86	64°	7.2	47.2	50
	1220	54/93	378	362	5.80	73°	7.2	47.8	50
	1438	54/94	361	361	5.8	76°	7.2	48.2	"
	1656	54/90	373	358	5.7	74°	7.2	48.7	"
	1914	54/90	374	353	5.8	"	7.2	48.1	"
	2132	54/91	365	350	5.8	66°	7.2	47.3	"

Note any changes to the system

Date 8/17/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/17	2350	54/93	373	349	5.7	62°	7.2	48.1	50
	0208	54/92	377	352	5.8	68°	7.2	48.3	50
	0426	54/93	362	343	5.7	54°	7.2	50.7	50
	0644	54/95	356	341	5.74	55°	7.2	48.6	50
	0902	54/95	364	346	5.97	65	7.2	50	50
	1108	54/95	365	352	5.50	70	7.2	50.5	50
	1320	54/95	378	362	5.50	73	7.2	50	50
	1532	54/93	310	364	5.7	82°	7.2	51.2	50
	1744	54/89	386	364	5.2	80°	7.2	50.1	"
	1956	54/94	381	355	5.5	76°	7.2	49.1	"
	2208	54/84	380	362	5.5	68°	7.2	49.4	"

Note any changes to the system

Date 8-18-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/18	0020	54/90	380	357	5.4	66°	7.2	48.4	50
	0232	54/90	376	356	5.5	62°	7.2	47.8	50
	0444	54/88	376	356	5.5	62°	7.2	48.1	50
	0656	54/92	372	354	5.41	60°	7.2	50.2	50
	0908	54/95	369	353	5.77	68°	7.2	50.5	50
	1120	54/94	373	358	5.67	74°	7.2	50.1	50
	1332	54/95	380	366	5.83	79°	7.2	51.3	50
	1544	54/92	386	367	5.8	82°	7.2	48.9	50
	1756	54/87	385	371	5.5	82°	7.2	45.2	"
	2008	54/90	394	373	5.4	78°	7.2	52.1	"

Note any changes to the system

Date 8/19/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/19	2220	54/88	395	391	5.6	70°	7.2	52.1	50
	0032	54/90	384	364	5.7	68°	7.2	48.9	50
	0244	54/90	383	362	5.8	64°	7.2	48.4	50
	0456	54/92	381	364	5.5	62°	7.2	48.6	50
	0708	54/93	381	361	5.7	62°	7.1	49.7	50
	0920	54/92	395	368	5.7	70°	7.1	49.4	50
	11:32	54/95	383	365	5.79	80	7.2	50.2	50
	13:44	54/92	397	371	5.89	84°	7.2	49.4	50
	1556	54/90	383	362	5.76	87°	7.2	50.0	50
	1808	54/88	396	369	5.65	84°	7.2	49.1	50
	2020	54/88	384	367	5.6	76°	7.2	46.8	50

Note any changes to the system

Date 8/20/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/20	2232	54/88	383	366	5.5	70°	7.2	49.7	50
	0044	54/90	390	366	5.6	66°	7.2	49.2	50
	0256	54/90	391	366	5.5	64°	7.2	48.6	50
	0508	54/87	388	362	5.6	64°	7.2	47.3	50
	0720	54/93	383	364	5.73	63°	7.2	48.4	50
	1036	54/90	390	370	5.44	74°	7.2	50.7	50
	1308	54/92	387	363	5.55	82°	7.2	50.2	50
	1520	54/94	389	367	5.52	94°	7.2	50.7	50
	1732								
	1944								
	2156								

Note any changes to the system

Date 8-21-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-21-21	0030	54 / 85	414	381	5.46	70	7.2	50.7	50
	0242	54 / 90	370	354	5.51	68	7.2	49.8	50
	0454	54 / 90	363	341	5.85	66	7.2	51.0	50
	0706	54 / 90	356	339	5.33	65	7.2	50.0	50
	0918	54 90	354	335	5.33	70	7.2	50.05	50
	1130	54 / 90	368	344	5.46	82°	7.2	50.0	
	1342	54 / 90	368	354	5.43	90°	7.2	51.3	
	1534	54 / 92	362	349	5.58	90°	7.2	50.1	
	1806	54 / 90	376	353	5.55	80°	7.2	50.4	
	2018	54 / 92	363	341	5.51	78°	7.2	50.8	

Note any changes to the system

Date 8-22-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-22-21	2230	54/88	371	353	5.42	75	7.2	51.2	50
	0042	54/87	375	355	5.44	71	7.2	50.4	50
	0254	54/88	369	353	5.42	70	7.2	49.7	50
	0506	54/87	372	356	5.29	67	7.2	50.0	50
	0718	54/90	382	356	5.59	67	7.2	51.2	50
	0930	54/90	376	357	5.32	74	7.2	52.0	50
	1142	54/88	384	364	5.38	82°	7.2	51.1	
	1354	54/88	381	359	5.60	90°	7.2	51.8	
	1606	54/90	382	359	5.71	88°	7.2	50.4	
	1818	54/90	381	357	5.54	84°	7.2	50.9	
	2030	54/88	364	349	5.58	76°	7.2	51.0	

Note any changes to the system

Date 8-23-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/23	2242	54/88	359	344	5.4	70°	7.2	47.6	50
	0054	54/88	369	383	5.4	68°	7.2	47.3	50
	0306	54/90	372	352	5.4	64°	7.2	48.1	50
	0518	54/90	376	355	5.35	66°	7.2	47.8	50
	0730	54/91	370	347	5.52	63°	7.2	48.4	50
	0942	54/92	366	350	5.46	65°	7.2	49.7	50
	1154	54/93	380	354	5.62	71°	7.2	50.0	50
	1406	58/93	381	366	5.54	84	7.2	51.2	50
	1618	54/87	388	362	5.70	80	7.2	48.9	50
	1830	54/89	378	366	5.49	80	7.2	50.4	50
	2042	54/90	380	359	5.53	72	7.2	49.1	50

Note any changes to the system

Date 8-24-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-24	2254	54/88	384	360	5.5	70°	7.2	47.3	50
	0106	54/92	378	354	5.6	64°	7.2	47.8	50
	0318	54/90	378	355	5.4	64°	7.2	48.1	50
	0530	54/88	377	354	5.5	64°	7.2	48.4	50
	0742	54/90	366	351	5.4	65°	7.2	50.7	50
	0954	54/90	378	359	5.5	72°	7.2	49.2	50
	12:06	54/90	379	360	5.5	80°	7.2	50.5	50
	1418	54/92	385	363	5.61	90	7.2	49.7	50
	1630	54/88	384	362	5.54	90	7.2	51.1	50
	1842	54/87	389	365	5.63	88	7.2	49.5	50
	2054	54/88	381	349	5.30	67	7.2	50.4	50

Note any changes to the system

Date 8-25-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/25	2306	54/88	377	359	5.2	68°	7.2	49.4	50
	0118	54/88	388	364	5.4	70°	7.2	49.2	50
	0330	54/88	373	352	5.3	70°	7.2	50.5	50
	0542	54/88	381	355	5.3	68°	7.2	47.1	50
	0754	54/90	377	353	5.2	70°	7.2	48.1	50
	1006	54/90	379	356	5.33	70°	7.2	48.9	
	1218	54/89	379	356	5.33	70°	7.2	49.7	
	1430	54/90	380	360	5.40	80°	7.2	50.2	
	1642	54/92	384	364	5.48	88°	7.2	50.7	
	1854	54/90	387	367	5.38	86°	7.2	51.2	
	2146	54/90	384	365	5.28	81°	7.2	49.2	

Note any changes to the system

Date 8-26-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/26	2258	55/92	372	354	5.39	77°	7.2	50.0	50
	110	55/93	371	350	5.54	75°	7.2	50.2	50
	322	55/93	367	349	5.24	73°	7.2	51.3	50
	534	55/95	369	348	5.55	71°	7.2	51.05	50
	746	55/100	374	352	6.80	70°	7.2	50.9	
	958	55/98	378	354	5.78	75°	7.2	51.2	
	1210	55/98	383	361	5.69	80°	7.2	51.3	
	1422	55/95	388	364	5.80	88	7.2	50.2	50
	1636	55/95	393	369	5.48	86	7.2	50.9	50
	1851	55/87	380	364	5.53	85	7.2	49.5	50
	2106	55/93	382	355	5.41	75	7.2	51.0	50

Note any changes to the system

Date 8-27-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/27	2321	55/90	377	356	5.41	71°	7.2	51.5	50
	0136	55/93	378	357	5.44	72°	7.2	52.1	50
	0351	55/93	390	362	5.54	69	7.2	51.8	50
	0606	55/93	389	363	5.47	70°	7.2	51.5	50
	821	55/98	400	370	6.03	68°	7.2	51.0	
	1036	55/100	391	364	5.57	71°	7.2	51.2	
	1251	55/95	384	363	5.61	78°	7.2	51.7	
	1506	55/93	397	372	5.50	92	7.2	48.4	50
	1721	55/90	391	370	5.52	87	7.2	49.9	50
2051		55/92	381	358	5.33	77	7.2	50.1	50
	2151	55/							50

Note any changes to the system

2051
215
2306
0121
336
551
806
1021

Date 8.28.21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/28	2306	55/93	383	354	5.50	73°	7.2	49.2	50
	0121	55/93	372	346	5.43	73°	7.2	50.0	50
	0336	55/95	362	343	5.40	72°	7.2	50.0	50
	0551	55/95	364	346	5.42	73°	7.2	50.2	50
	0806	55/95	372	345	5.53	72°	7.2	51.05	50
	1021	55/95	375	351	5.52	78	7.2	49.7	50
	1236	55/95	375	352	5.57	84	7.2	50.4	50
	1451	55/90	378	354	5.52	90	7.2	50.7	50
	1706	55/93	386	356	5.69	90	7.2	51.0	50
	1921	55/90	383	357	5.55	87	7.2	50.9	50
	2136	55/92	385	356	5.47	70	7.2	50.2	50

Note any changes to the system

Date 8-29-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/29	2351	55/93	367	338	5.34	66°	7.2	48.9	50
	0206	55/96	370	341	5.30	67°	7.2	50.0	50
	0421	55/94	378	346	5.32	68°	7.2	49.2	50
	0636	55/94	381	350	5.41	68°	7.2	49.7	50
	0851	55/95	377	350	5.46	73°	7.2	50.2	50
	1106	55/93	376	354	5.23	81	7.2	51.4	50
	1321	55/91	386	353	5.51	85	7.2	49.7	50
	1536	55/90	377	351	5.43	90	7.2	50.2	50
	1751	55/90	381	348	5.52	70	7.2	49.7	50
	2006	55/94	380	350	5.44	68	7.2	50.4	50

Note any changes to the system

Date 8-30-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8-30-21	2221	55/96	364	341	5.5	70°	7.2	48.7	50
	0036	55/95	377	348	5.5	68°	7.2	49.2	50
	0251	55/95	369	345	5.4	68°	7.2	48.6	50
	0506	55/93	372	346	5.4	64°	7.2	48.1	50
	0721	55/98	361	339	5.44	63°	7.2	50.0	50
	0936	55/98	367	346	5.51	68°	7.2	50.7	50
	1151	55/96	373	349	5.58	74°	7.2	50.5	50
	1406	55/95	374	353	5.54	86	7.2	50.1	50
	1621	55/95	379	356	5.85	80	7.2	50.9	50
	1836	55/94	379	351	5.68	79	7.2	51.4	50
	2051	55/95	367	341	5.40	67	7.2	49.4	50

Note any changes to the system

Date 8-31-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
8/31	2243	54/87	376	301	5.5	76°	7.2	51	50
	0058	54/88	378	354	5.7	72°	7.2	49.9	50
	0313	54/90	376	355	5.6	70°	7.2	48.9	50
	0528	54/90	369	353	5.5	66°	7.2	48.1	50
	0743	54/90	379	352	5.66	68°	7.2	43.3	
	0958	54/90	379	360	5.62	75°	7.2	47.9	
	1213	54/90	380	362	5.60	84°	7.2	49.8	
	1428	54/92	383	360	5.15	86	1.2	48.4	50
	1643	54/86	377	357	5.44	75	7.2	46.7	50
	1858	54/86	377	311	5.51	78	7.2	47.9	50
	2113	54/86	383	362	5.69	72	7.2	46.7	50

Note any changes to the system

Date 9-1-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/1	2351	55/94	361	340	5.5	60°	7.2	50.5	50
	0206	55/96	363	334	5.6	56°	7.2	49.4	
	0421	55/95	365	332	5.6	54°	7.2	49.7	
	0636	55/99	364	334	5.7	54°	7.2	50.0	
	0851	55/100	362	331	5.7	58°	7.5	53.7	
	1106	55/100	366	338	5.8	68°	7.2	51	
	1321	55/95	355	336	5.6	70	7.2	53.1	
	1526	55/100	359	338	5.7	74	7.2	50.7	
	1751	55/91	363	336	5.8	72	7.2	51.4	
	2006	55/90	363	331	5.8	64	7.2	50.1	

Note any changes to the system

Date 9-2-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/2	2221	55/99	354	334	5.5	56°	7.2	51	50
	0036	55/100	359	335	5.3	52°	7.2	49.7	
	0251	55/95	355	332	5.3	48°	7.2	49.4	
	0506	55/96	370	335	5.4	46°	7.2	51.5	
	0721	55/100	363	339	5.62	46°	7.2	50.8	
	0936	54/70	411	380	5.40	54°	7.2	52.9	
	1151	54/85	427	396	5.66	65°	7.2	51.7	
	1406	55/84	410	400	5.57	69	7.2	51.4	
	1621	54/82	410	400	5.68	70	8.6	69.7	72
	1836	54/86	414	383	5.92	72	8.6	66.4	
	2050	54/84	391	361	5.20	58	9.1	91.6	

Note any changes to the system

1615 Inc. lime rate to 8.6 = 72 ~~lbs~~ HR

1836 Inc lime rate to 9.1.

Date 9-3-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/3	2306	55/87	397	373	5.9	52°	9.1	67.9	72
	0121	54/88	394	368	5.8	52°	9.3	69.1	
	0336	54/88	397	372	5.8	52°	9.3	67.9	
	0551	54/90	394	362	5.9	50°	9.5	71.4	
	0806	54/92	387	364	5.90	49°	9.5	70.1	
	1021	55/88	406	388	5.87	60°	9.5	70.1	
	1236	54/88	40	388	5.90	64°	9.5	70.6	
	1451	53/85	419	399	5.53	70°	9.5	71.1	
	1706	53/86	421	396	5.91	70°	9.5	70.6	
	1921	53/85	419	393	5.56	64°	9.5	71.1	
	2136	53/86	418	395	5.55	64°	9.5	71.8	

Note any changes to the system

Date 9-4-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/4	2351	53/83	413	388	5.6	60°	9.5	68.0	72
	0206	53/82	414	394	5.4	60°	9.5	70.1	72
	0421	53/82	408	389	5.4	58°	9.5	71.1	72
	0636	53/85	413	392	5.5	58°	9.5	72.5	72
	0851	53/85	404	386	5.4	60°	9.5	70.3	72
	1106	53/85	418	396	5.63	68°	9.5	70.9	
	1321	53/85	432	404	5.46	70°	9.5	69.3	
	1536	53/86	416	396	5.55	70°	9.5	71.2	
	1751	53/86	419	392	5.53	74°	9.5	70.3	
	2006	53/84	410	393	5.51	70°	9.5	71.1	

Note any changes to the system

Date 9-5-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/5	2221	53/80	416	389	5.4	66°	9.5	73.2	72
	0036	53/83	415	390	5.4	60°	9.5	71.4	72
	0251	53/83	410	385	5.4	60°	9.5	70.4	72
	0506	53/82	417	389	5.4	58°	9.5	70.1	72
	0721	53/83	408	387	5.4	54°	9.5	70.3	72
	0936	53/84	409	381	5.5	60°	9.5	69.6	72
	1151	53/85	419	396	5.75	66°	9.5	70	
	1406	53/86	414	393	5.65	75°	9.5	71.6	
	1621	53/85	417	389	5.49	76°	9.5	69.6	
	1836	53/84	418	393	5.40	70°	9.5	70.7	
	2051	53/84	419	394	5.43	68°	9.5	70.1	

Note any changes to the system

Date 9-6-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/6	2306	53/84	420	390	5.5	60°	9.5	71.1	72
	0121	53/83	419	390	5.5	56	9.5	70.3	72
	0336	53/83	409	386	5.3	54	9.5	69.6	72
	0551	53/83	405	380	5.4	52°	9.5	68.8	72
	0806	53/84	396	374	5.38	52°	9.5	69.8	
	1021	53/85	414	386	5.50	60°	9.5	70.4	
	1236	53/82	408	384	5.39	64°	9.5	71.7	
	1451	53/81	401	382	5.49	68	9.5	72.4	72
	1706	53/88	376	378	5.45	70	9.5	70.9	72
	1921	53/83	406	380	5.39	64	9.5	71.2	72
	2136	53/82	407	384	5.47	66	9.5	70.9	72

Note any changes to the system

Date 9-7-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/7	2351	53/89	394	374	5.5	52'	9.5	70.1	72
	0206	53/85	400	371	5.5	50°	9.5	70.3	72
	0421	53/85	403	374	5.4	48°	9.5	69.3	72
	0636	53/85	381	363	5.83	50°	9.5	70.8	
	851	53/84	401	378	5.41	58°	9.5	67.7	
	1106	53/87	413	389	5.45	70°	9.9	73.6	
	1321	53/84	415	393	5.58	78°	9.8	72.7	
	1536	53/82	427	396	5.45	85	9.8	72.9	72
	1751	53/80	409	358	5.25	68	9.8	71.2	72
	2006	53/82	411	383	5.55	60	9.8	71.7	72

Note any changes to the system

857 Inc. lime rate to 9.9

1110 Cut lime rate to 9.8

Date 9-8-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/8	2221	53/81	410	381	5.4	62°	9.8	74	72
	0036	53/82	409	386	5.3	58°	9.8	73.2	72
	0251	53/82	418	393	5.3	58°	9.8	71.1	72
	0506	53/83	419	392	5.4	56°	9.8	70.8	72
	0721	53/82	413	386	5.50	56°	9.8	70.1	
	936	53/85	404	393	5.61	60°	9.8	70.9	
	1151	53/84	415	389	5.78	66°	9.8	70.7	
	1406	53/80	421	396	5.45	71	9.8	69.8	
	1621	53/77	428	396	4.44	70	9.8	70.4	72
	1836	53/80	418	396	4.40	67	9.8	71.4	72
	2051	53/81	419	392	5.27	61	9.8	72.0	72

Note any changes to the system

Date 9-9-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/9	2306	53/82	406	386	5.56	56°	9.8	71.4	72
	0121	53/80	409	385	5.42	52°	9.8	72.7	72
	0336	53/82	417	389	5.44	50°	9.8	73.2	72
	0551	53/83	411	389	5.27	49°	9.8	72.7	72
	806	53/82	415	390	5.31	50°	9.8	72	
	1021	53/85	418	394	5.34	55°	9.8	71.3	
	1245	53/84	417	394	5.33	60°	9.8	73.2	
	1509	53/84	424	394	5.49	64	9.8	75.6	72
	1733	53/82	417	395	5.33	67	9.8	74.1	72
	1957	53/82	417	396	5.42	60	9.8	73.4	72

Note any changes to the system

Date 9-10-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/10	2221	53/82	409	387	5.40	51°	9.8	73.2	72
	0045	53/83	406	386	5.38	49°	9.8	74.0	72
	0309	53/83	414	386	5.52	46°	9.5	69.0	72
	0533	53/82	411	387	5.50	44°	9.5	70.8	72
	757	53/85	418	390	5.74	46°	9.5	70.2	
	1057	53/85	418	390	5.60	60°	9.5	72.3	
	1357	53/84	420	390	5.48	64°	9.5	72.8	
	657	53/79	411	385	5.60	70	9.5	71.7	72
	1957	53/79	413	385	5.59	63	9.5	73.1	72

Note any changes to the system

Date 9-11-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time 2253	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/11	[redacted]	53/83	403	375	5.64	59°	9.5	71.1	72
	0153	53/83	406	383	5.45	57°	9.5	70.1	72
	0453	53/85	404	381	5.39	56°	9.5	70.6	72
	0753	53/85	401	376	5.38	56°	9.5	70.7	72
	1053	53/84	409	383	5.42	67	9.5	71.1	72
	1445	53/84	400	350	5.36	79	9.5	70.4	72
	1952 [redacted]	53/84	406	383	5.28	75	9.5	70.9	72

Note any changes to the system

Date 9.12.21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/12	2352	53/85	387	369	5.17	67°	9.5	72.7	72
	0352	53/85	387	367	5.23	67°	9.5	75.3	72
	0752	53/85	394	366	5.34	66°	9.5	75.1	72
	1152	53/85	394	368	5.34	72	9.2	73.01	72
	1552	53/83	392	366	5.35	74	9.2	73.2	72
	1952	53/84	380	357	5.27	65	9.2	74.1	72

Note any changes to the system

cut lime to 9.2 = 72 lbs per hr JS.

Date 9-13-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
09/13	2352	53/86	303	358	5.3	58	9.18	70.9	72
	0352	53/84	380	356	5.3	58	9.17	70.3	72
	0752	53/87	385	361	5.29	57°	9.2	70.6	72
	1152	53/86	393	371	5.23	65°	9.2	69.8	72
	1552	53/84	394	372	5.16	60	9.2	71.4	72
	1952	53/85	385	364	5.21	58	9.2	70.2	72

Note any changes to the system

Date 9/14/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/14	2352	53/85	385	365	5.2	58°	9.18	69.1	72
	0352	53/85	385	363	5.2	60°	9.19	70.1	72
	0752	53/86	387	361	5.25	63°	9.2	68.7	72
	1152	53/86	404	375	5.23	76°	9.2	77.2	72
	1552	53/83	414	385	5.29	87	9.2	78.8	72
	1952	53/84	387	365	5.32	73	9.2	74.9	72

Note any changes to the system

Date 9-15-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/15	2334	53/86	376	360	5.2	60°	9.18	72.7	72
	0316	53/85	378	359	5.2	58°	9.2	72.4	72
	0659	53/86	383	356	5.35	55°	9.2	73.8	72
	1040	53/87	386	362	5.24	59°	9.2	75.3	72
	1406	53/86	382	374	5.19	75	9.1	73.4	72
	1730	53/82	386	370	5.31	69	9.1	73.0	72
	2054	53/84	391	367	5.41	57	9.1	74.7	72

Note any changes to the system

Lime rate 9.1 = 72 lbs per hr

Date 9/16/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/16	0006	53/85	382	364	5.2	52°	9.1	70.6	72
	0318	53/86	379	355	5.3	48°	9.1	69.3	72
	0630	53/88	376	356	5.26	46°	9.1	68.5	72
	0942	53/88	388	361	5.25	58°	9.1	70.6	72
	1254	53/85	405	379	5.44	69°	9.1	75.9	72
	1606	53/84	405	378	5.43	77	9.1	73.7	72
	1918	53/85	395	373	5.39	72	9.1	72.4	72

Note any changes to the system

Date 9-17-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/17	2230	53/86	391	366	5.4	60°	9.1	71.9	72
	0130	53/85	376	359	5.2	54°	9.1	71.6	72
	0430	53/88	378	358	5.3	54°	9.1	76.4	72
	0730	53/88	376	356	5.32	54°	8.9	73.8	72
	1030	53/87	388	369	5.35	68°	8.9	74.8	72
	1330	53/86	487	386	5.33	78°	8.6	71.4	
	1630	53/84	416	392	5.49	80	8.6	71.9	72
	1930	53/84	403	384	5.47	75	8.6	71.0	72

Note any changes to the system

Decrease lime rate per Hr to 8.9 lb

Decreased lime rate to 8.6 = 72 lbs per hrs J.S.

Date 9-18-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/18	2230	53/85	406	380	5.5	64°	8.55	68.8	72
	0130	53/86	410	385	5.4	62°	8.6	72.2	72
	0430	53/85	406	385	5.4	60°	8.6	67.9	72
	0730	53/85	405	379	5.4	52°	8.8	70	72
	1020	53/87	401	377	5.4	60°	8.7	70.8	72
	1312	53/84	396	378	5.4	66°	8.7	68.7	"
	1604	53/86	406	380	5.6	70°	8.8	69.2	"
	1854	53/80	396	378	5.4	68°	8.8	66.6	"
	2145	53/80	399	376	5.5	52°	8.7	65	"

Note any changes to the system

increase lime rate to 8.8 = 72 lbs per hrs Lc

increased lime rate to 8.9 = 72 lbs DG 2145

Date 9/19/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/19	0036	53/85	390	367	5.5	54	8.9	70.6	72
	0327	53/86	394	368	5.5	50	8.9	70.4	72
	0626	53/85	392	363	5.6	54	8.9	69.7	72
	0926	53/86	399	371	5.5	54	8.9	72.4	72
	[illegible]6	53/85	402	375	5.5	70°	8.9	70.9	"
1520	1446	53/85	402	377	5.4	80°	8.9	70.2	"
1844	1746	53/	403	383	5.3	74°	8.9	70.4	"
	2026	53/							

Note any changes to the system

Date 9-20-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/20	2208	53/86	407	386	5.3	66°	8.9	68.5	72
	0132	53/84	422	394	5.4	60°	8.9	70.1	72
	0456	53/83	430	402	5.4	62°	8.9	69.5	72
	0820	53/80	445	413	5.34	64°	8.9	69.3	72
	1144	53/85	438	407	5.44	25°	8.9	70.7	72
	1508	53/83	443	416	5.39	78	8.9	70.4	72
	1608	53/83	441	409	5.46	72	8.9	71.0	72
	2108	53/80	432	401	5.45	70	8.9	70.2	72

Note any changes to the system

Date 9-21-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/21	0008	53/85	420	398	5.3	68°	8.9	67.5	72
	0308	53/83	430	402	5.4	68°	8.9	69.6	72
	0608	53/85	428	398	5.4	66°	9.1	76.7	72
	908	53/84	419	390	5.62	64°	8.9	71.6	72
	1159	53/84	411	390	5.32	72°	8.9	71.1	72
	1450	53/84	414	387	5.48	68	8.9	70.9	72
	1741	53/84	413	385	5.47	60	8.9	71.1	72
	2032	53/84	393	377	5.30	55	8.9	70.2	72

Note any changes to the system

increase lime to 9.1 lbs per hr LC

Cut lime rate to 8.9 lbs.

Date 9-22-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/22	2312	53/84	401	380	5.3	52°	8.9	69.8	72
	0152	53/85	400	373	5.4	48°	8.88	70.6	72
	0432	53/85	397	377	5.3	46°	8.9	71.1	72
	0712	53/84	402	372	5.42	46°	8.9	72.6	72
	952	53/86	401	372	5.55	46°	8.9	72.4	
13/10	[illegible]	53/8[illegible]	392	368	5.23	45°	8.9	70.7	
	1540	53/86	399	372	5.31	45	8.9	71.0	72
	1810	53/83	393	364	5.13	44	8.9	71.7	72
	2040	53/82	385	365	5.08	42	8.9	70.1	72

Note any changes to the system

Date 9-23-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/23	2310	53/86	380	360	5.23	41°	8.9	69.3	72
	0134	53/84	381	360	5.12	40°	8.9	70.6	72
	0358	53/83	379	354	5.19	40°	8.9	68.7	72
	422	53/86	381	352	5.26	40°	8.9	69.7	72
	846	53/86	379	352	5.19	40°	8.9	70.3	
	1110	53/88	393	367	5.28	42°	8.9	69.8	
	1334	53/88	392	365	5.29	46°	8.9	68.8	
	1558	53/86	392	364	5.28	43	8.9	72.2	72
	1822	53/86	373	355	5.20	41	8.9	70.8	72
	2046	53/86	385	354	5.23	41°	8.9	70.1	72

Note any changes to the system

850 Inc. draft to .54 HZ. JT

Date 9-24-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/24	2300	54/87	381	358	5.21	43°	8.9	73.2	72
	0134	54/85	384	365	5.25	43°	8.9	72.7	72
	0358	54/85	392	369	5.29	44°	8.9	73.5	72
	622	54/84	400	373	5.43	40°	8.9	72.4	72
	846	54/90	391	373	5.29	42°	8.9	71.6	
	1110	54/90	397	376	5.21	54°	8.9	72.2	
	1334	54/88	406	382	5.27	62°	8.9	73.0	
	1610	54/90	404	386	5.22	70°	8.9	72.5	
	1850	55/90	396	378	5.19	68°	8.9	76.3	
	2130	54/90	398	378	5.20	58°	8.8	71.1	

Note any changes to the system

Date 9-25-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/25	0010	54/85	405	377	5.36	57°	8.8	70.1	72
	0250	54/88	409	381	5.32	56°	8.8	71.1	72
	0530	54/89	397	379	5.24	50°	8.8	70.6	72
	0810	54/90	401	373	5.28	47°	8.8	70.6	72
	1050	54/90	401	377	5.37	45	8.8	71.4	72
	1330	54/90	394	372	5.31	54	8.8	70.1	72
	1610	54/90	396	374	5.31	59	8.8	71.0	72
	1850	54/90	397	373	5.34	57	8.8	70.4	72
	2130	54/88	401	388	5.29	47	8.8	69.9	72

Note any changes to the system

Date 9·26·21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/26	0010	54/88	400	374	5.30	47°	8.8	69.8	72
	0250	54/88	403	377	5.38	45°	8.8	66.1	72
	0530	54/89	397	377	5.21	42°	8.8	68.7	72
	0810	54/90	405	380	5.38	46°	8.8	67.9	72
	1050	54/90	403	382	5.58	52	9.0	67.7	72
	1330	54/86	412	388	5.19	63	9.0	68.9	72
	1610	54/87	412	383	5.28	71	9.0	70.0	72
	1850	54/86	405	380	5.34	64	9.0	69.7	72
	2130	54/85	405	381	5.37	57	9.0	68.4	72

Note any changes to the system

Inc lime rate to 9.0 = 72 lbs per hrs J.S.

2115 Inc lime feed to 9.2 [illegible]

Date 9-27-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/27	0010	54/86	394	377	5.1	64°	9.2	67.5	72
	0250	54/85	404	383	5.2	62°	9.4	72.4	72
	0530	54/89	406	384	5.36	59°	9.4	70.1	72
	0810	54/89	408	386	5.27	58°	9.4	65.0	72

Note any changes to the system

increase lime 9.4 lbs per hr. LC

1354 Slowed exhaust to 49 ~~A~~

Date 9-28-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/28	900	49/69	446	413	5.40	46°	9.7	64.02	72
	2040	52/80	436	416	5.21	52	9.5	68.4	72

Note any changes to the system

1800 Inc. fan to 52Hz

Date 9-29-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/29	0040	52/83	410	386	5.2	48°	9.5	66.4	72
	0440	52/80	396	373	5.1	44°	9.7	64.8	72
	0840	52/75	383	342	5.14	46°	9.7	69.4	72
	1240	52/75	396	385	5.33	76°	9.7	71.4	72
	1640	52/75	402	378	5.07	64	9.7	70.7	72
	1944	53/82	396	368	5.19	55	9.7	71.0	72

Note any changes to the system

increase lime 9.7 lbs per hr
1940 Inc. draft to 53 1/2

Date 9-30-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
9/30	2308	53/85	400	373	5.2	52°	9.7	71.9	72
	0232	53/86	396	376	5.2	44°	9.7	70.1	72
	0556	53/85	395	373	5.1	42°	9.7	72.4	72
	0920	53/86	406	377	5.29	57°	9.7	74.3	72
	1234	53/86	404	380	5.31	41°	9.7	77.5	72
	1546	53/90	419	390	5.59	68°	9.2	66.66	72
	1858	53/85	401	384	5.18	62°	9.3	68.51	72

Note any changes to the system

cut lime rate to 9.2 = 72 lbs
Change LIME RATE TO 9.3 = 72 lbs @ 4:00
INCREASE TO 9.4 @ 1855

Date 10-1-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/1	2210	53/85	405	380	5.2	52°	9.4	64.8	72
	0110	53/84	407	386	5.1	50°	9.7	71.9	72
	0410	53/85	407	381	5.2	48°	9.7	72.2	72
	0710	53/90	399	376	5.31	44°	9.7	75.1	72
	1010	53/87	397	379	5.22	57°	9.7	76.1	72
	1301	53/83	419	391	5.38	68°	9.3	71.6	72
	1552	53/80	418	398	5.16	65°	9.3	77.5	72
	1843	53/80	417	396	5.27	70°	9.3	77.5	72
	2134	53/90	406	387	5.12	60°	9.1	71.6	72

Note any changes to the system

increase lime to 97 lbs per hr

cut lime rate to 9.3 = 72 lbs per hrs JS.

Inc. lime rate to 9.1. JT

Date 10-2-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/2	0025	53/85	403	383	5.1	56°	9.1	70.9	72
	0316	53/84	399	376	5.2	54°	9.1	71.4	72
	0607	53/87	387	369	5.2	54°	9.1	71.7	72
	0858	53/86	402	375	5.3	56°	9.1	71.4	72
	1149	53/85	387	371	5.30	68°	9.1	72.2	72
	1429	53/85	400	374	5.36	74°	9.1	70.6	72
	1710	53/82	385	377	5.10	75°	9.1	71.3	72
	1950	53/84	394	374	5.51	64°	9.1	71.4	72

Note any changes to the system

Date 10-3-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/3	2230	53/80	399	374	5.3	62°	9.1	72.2	72
	0110	53/85	388	373	5.2	62°	9.1	71.7	72
	0350	53/85	388	372	5.2	62°	9.7	71.1	72
	0630	53/85	390	374	5.2	60	9.7	71.7	72
	0910	53/85	398	373	5.2	62°	9.7	72.2	72
	1150	53/85	394	378	5.27	65°	9.1	73.9	72
	1430	53/85	399	383	5.21	72°	9.1	71.1	72
	1710	53/86	399	376	5.66	66°	9.1	70.4	72
	1952	53/87	394	378	5.20	60°	9.1	71.7	72

Note any changes to the system

Date 10-4-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/4	2230	53/85	401	377	5.3	60°	9.1	72.4	72
	0110	53/84	406	384	5.3	60°	9.1	72.7	72
	0350	53/84	415	389	5.3	60°	9.1	70	72
	0630	53/86	407	390	5.34	55°	9.1	70.8	72
	910	53/85	412	383	5.28	58°	9.1	71.7	72
	1150	53/85	415	393	5.29	62°	9.1	72.4	72
	1430	53/82	412	387	5.33	63	9.1	71.6	72
	1710	53/85	404	380	5.33	60	9.1	70.9	72
	1950	53/78	404	380	5.26	58	9.1	71.1	72

Note any changes to the system

Date 10-5-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/5	2230	53/84	400	380	5.3	56°	9.1	73	72
	0110	53/86	394	377	5.2	54°	9.1	71.9	72
	0350	53/85	401	385	5.3	54°	9.1	72	72
	0630	53/88	410	384	5.38	56°	9.1	74.1	72
	910	53/86	401	381	5.33	56°	9.1	73.3	72
	1150	53/84	405	386	5.26	60°	9.1	72.7	72
	1430	53/85	412	388	5.40	64	9.1	71.7	72
	1710	53/84	408	390	5.31	67	9.1	70.9	72
	1950	53/84	409	386	5.42	60	9.1	71.0	72

Note any changes to the system

Date 10-6-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/6	2230	53/85	402	385	5.3	54°	9.1	69.1	72
	0110	53/85	408	387	5.3	50°	9.1	69.8	72
	0350	53/85	417	391	5.4	50°	9.1	71.9	72
	0630	53/84	409	387	5.34	50°	9.1	70.4	72
	910	53/86	412	390	5.32	55°	9.1	71.3	72
	1150	53/85	415	391	5.36	62°	9.1	71.8	72
	1430	53/85	401	382	5.33	65	9.1	72.0	72
	1710	53/80	411	391	5.32	62	9.1	70.9	72
	1950	53/84	408	386	5.32	60	9.1	71.4	72

Note any changes to the system

Date 10.7.21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/7	2230	53/83	402	384	5.33	54°	9.1	72.7	72
	0110	53/83	416	391	5.37	58°	9.1	72.2	72
	0350	53/80	416	390	5.38	56°	9.1	71.4	72
	630	53/84	407	386	5.28	56°	9.1	75.1	72
	910	53/84	407	382	5.79	56°	9.1	74.2	72
	1150	53/84	408	394	5.25	58°	9.1	74.9	72
	1430	54/90	353	378	5.46	64	9.1	72.1	72
	1710	54/87	403	381	5.52	65	9.1	72.4	72
	1950	54/85	400	375	5.66	62	9.1	71.9	72

Note any changes to the system

Inc. draft to 54 Hz. per B.S.

Date 10-8-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/8	2230	54/88	391	373	5.51	62°	9.1	74.3	72
	0110	54/88	398	374	5.51	62°	9.1	74.07	72
	0350	54/87	410	383	5.57	61°	9.1	72.4	72
	630	54/88	410	385	5.48	58°	9.1	73.9	72
	910	54/90	405	386	5.34	61°	9.1	73.0	72
	1150	54/88	428	398	5.20	68°	9.1	72.7	72
	1410	54/88	402	379	5.20	69	9.1	71.4	72
	1850	54/86	406	382	5.30	63	9.1	72.5	72
	2130	54/86	401	379	5.33	60	9.1	72.9	72

Note any changes to the system

Date 10-9-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/9	0010	54/87	393	371	5.26	59°	9.1	74.07	72
	0250	54/86	400	376	5.22	57°	9.1	73.8	72
	0530	54/87	403	378	5.32	54°	9.1	73.8	72
	0810	54/88	399	376	5.26	55°	9.1	73.5	72
	1050	54/90	404	377	5.26	61	9.1	72.4	72
	1330	54/85	397	381	5.20	68	9.1	71.5	72
	1610	54/84	403	378	5.33	69	9.1	70.9	72
	1850	54/86	390	373	5.19	65	9.1	71.2	72
	2130	54/85	387	365	5.30	57	9.1	72.1	72

Note any changes to the system

Date 10-10-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/10	0010	54/87	384	378	5.30	61°	9.1	73.5	72
	0250	54/86	407	378	5.37	59°	9.1	73.8	72
	0530	54/87	406	380	5.35	60°	9.1	73.5	72
	0810	54/88	402	382	5.18	61°	9.1	74.6	72
	1050	54/87	411	385	5.25	66	9.1	73.2	72
	1330	54/88	414	386	5.21	74	9.1	72.9	72
	1610	54/90	404	386	5.32	74	9.1	70.9	72
	1850	54/88	395	379	5.17	72	9.1	71.5	72
	2130	54/86	396	379	5.24	68	9.1	71.9	72

Note any changes to the system

Date 10-11-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/11	0010	54/88	398	374	5.3	68°	9.1	73.2	72
	0250	54/87	365	376	5.2	66°	9.1	72.5	72
	0530	54/90	395	373	5.3	64°	9.1	73	72
	0810	54/90	392	369	5.32	63°	9.1	74.6	72
	1050	54/88	400	379	5.24	70°	9.1	78.3	72
	1330	54/90	404	380	5.35	76°	9.1	76.1	72
	2552	54/88	468	386	5.29	79	9.1	74.9	72
	1629	54/88	405	385	5.34	75	9.1	72.7	72
	2102	54/86	396	386	5.18	70	9.1	72.9	72

Note any changes to the system

Date 10-12-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/12	2235	54/88	410	386	5.3	72°	9.1	73.2	72
	0258	54/87	406	386	5.2	70°	9.1	72.4	72
	0441	54/88	403	383	5.2	68°	9.1	73	72
	0714	54/89	401	377	5.33	62°	9.1	73.01	72
	0947	54/90	396	378	5.25	64°	9.1	73.5	72
	1220	54/87	407	381	5.43	64°	9.1	73.2	72
	1453	54/86	409	388	5.31	63	9.1	72.7	72
	1726	54/87	402	380	5.21	63	9.1	71.9	72
	1959	54/87	403	381	5.31	60	9.1	72.0	72

Note any changes to the system

Date 10-13-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/13	2028	54/88	404	381	5.4	58°	9.1	69.6	72
	0039	54/87	398	380	5.3	58°	9.1	70.1	72
	0329	54/85	397	380	5.2	56°	9.1	71.4	72
	0559	54/85	407	381	5.4	56°	9.1	71.9	72
	0829	54/90	394	374	5.34	54°	9.1	73.0	72
	1059	54/90	402	376	5.55	58°	9.1	72.8	72
	1329	54/88	400	377	5.37	68°	9.1	73.3	72
	1559	54/86	397	374	5.33	67	9.1	72.4	72
	1829	54/90	380	365	5.32	64	9.1	72.9	72
	2059	54/88	395	371	5.49	61	9.1	72.4	72

Note any changes to the system

Date 10-14-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/14	2326	54/83	388	369	5.3	60°	9.1	70.3	72
	0153	54/90	396	371	5.4	60°	9.1	70.8	72
	0420	54/90	398	377	5.3	60°	9.1	71.9	72
	0647	54/90	402	377	5.43	62°	9.1	72.7	72
	0914	54/90	406	383	5.48	64°	9.1	75.3	72
	1141	54/87	408	390	5.29	70°	9.1	74.7	72
	1408	54/88	413	393	5.30	76°	9.1	73.7	72
	1635	54/84	402	381	5.32	66°	9.1	71.9	72
	1902	54/88	404	379	5.55	62°	9.1	72.4	72
	2129	54/84	400	381	5.37	55°	9.1	73.2	72

Note any changes to the system

Date 10-15-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/15	2356	54/88	399	379	5.3	52°	9.1	71.16	72
	0223	54/88	397	377	5.5	50°	9.1	70.8	72
	0450	54/88	390	366	5.5	50°	9.1	70.3	72
	0717	54/89	381	362	5.34	51°	9.1	71.6	72
	0944	54/92	390	364	5.55	53°	9.1	72.2	72
	1209	54/91	377	361	5.27	57°	9.1	71.9	72
	1432	54/90	390	365	5.46	58°	9.1	70.4	72
	1654	54/86	386	369	5.34	56°	9.1	71.8	72
	1900	54/88	391	365	5.60	52°	9.1	72.2	72
	2144	54/88	392	364	5.44	50°	9.1	71.9	72

Note any changes to the system

Date 10-16-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/16	0008	54/85	391	371	5.3	50°	9.1	70.1	72
	0232	54/90	391	364	5.4	44°	9.1	70.6	72
	0456	54/90	392	364	5.4	40°	9.1	71.1	72
	0720	54/92	385	357	5.5	42°	9.1	71.6	72
	0944	54/92	377	358	5.3	42°	9.1	72.7	72
	1208	54/95	379	355	5.47	48°	9.1	71.6	72
	1432	54/92	379	354	5.36	48°	9.1	72.4	72
	1656	54/88	368	350	5.39	46°	9.1	71.1	
	1920	54/90	373	348	5.49	44°	9.1	70.6	
	2144	54/88	371	354	5.40	42°	9.1	71.8	

Note any changes to the system

Date 10-17-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/17	0008	54/90	384	360	5.5	40°	9.1	71.9	72
	0232	54/92	364	346	5.4	40°	9.1	71.7	72
	0456	54/90	377	355	5.4	36°	9.1	71.4	72
	0780	54/88	375	354	5.3	38°	9.1	72.2	72
	0944	54/90	378	359	5.3	42°	9.1	72.7	72
	1208	54/88	375	355	5.34	48°	9.1	73.4	72
	1432	54/87	380	355	5.54	56°	9.1	72.3	
	1656	54/90	372	351	5.38	55°	9.1	71.4	
	1920	54/89	386	360	5.48	50°	9.1	70.8	
	2144	54/90	375	358	5.40	45°	9.1	72.4	

Note any changes to the system

Date 10-18-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/18	0008	54/90	380	357	5.5	40°	9.1	69.1	72
	0232	54/92	371	354	5.4	36°	9.1	69.8	72
	0456	54/92	373	352	5.5	36°	9.1	71.1	72
	0720	54/92	378	357	5.66	34°	9.1	70.2	72
	1028	54/100	387	367	5.75	44°	9.1	71.9	72
	1252	54/90	387	370	5.69	54°	9.1	72.3	72
	1516	54/91	390	367	5.48	58	9.1	71.4	72
	1740	54/87	385	371	5.48	56	9.1	70.9	72
	2059	54/86	393	367	5.25	46	9.1	72.1	72

Note any changes to the system

Date 10-19-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/19	2323	54/90	396	370	5.3	44°	9.1	68.8	72
	0147	54/90	397	370	5.4	40°	9.1	69.3	72
	0411	54/90	384	360	5.4	36°	9.1	71.7	72
	0635	54/90	381	352	5.44	38°	9.1	70.4	72
	859	54/92	377	352	5.35	44°	9.1	73.9	72
	1123	54/90	375	358	5.47	56°	9.1	73.1	72
	1347	55/98	382	363	5.64	75°	9.1	73.9	72
	1611	55/95	395	369	5.60	67	9.1	72.4	72
	1835	55/93	405	383	5.45	64	9.1	73.1	72
	2059	55/85	411	386	5.53	55	9.1	72.0	72

Note any changes to the system

1125 Inc. draft to 5542 per R.S.

Date 10-20-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/20	2323	55/92	430	401	5.5	52°	9.1	71.4	72
	0147	55/92	431	407	5.3	52°	9.1	71.7	72
	0411	55/90	426	400	5.5	50°	9.1	70.1	72
	0635	55/92	416	387	5.51	48°	9.1	74.6	72
	859	55/95	404	380	5.46	49°	9.1	73.8	
	1123	55/95	387	371	5.43	54°	9.1	72.6	
	1347	55/95	394	368	5.50	70°	9.1	73.8	
	1611	55/95	389	364	5.50	68	9.1	72.0	72
	1835	55/95	377	362	5.36	62	9.1	73.4	72
	2059	55/95	378	334	5.52	57	9.1	73.1	72

Note any changes to the system

Date 10·21·21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/21	2323	55/95	374	354	5.50	54°	9.1	71.7	72
	0147	55/95	382	359	5.43	54°	9.1	71.4	72
	0411	55/95	385	360	5.49	54°	9.1	72.2	72
	635	55/95	380	360	5.47	54°	9.1	72.9	72
	889	55/95	379	354	5.44	54°	9.1	74.8	
	1123	55/95	385	357	5.93	60°	9.1	74.3	
	1347	55/95	374	355	5.33	60°	9.1	73.8	
	1638	54/91	377	35[illegible]	5.33	50	9.1	72.4	72
	1929	54/90	373	352	5.20	43	9.1	73.4	72

Note any changes to the system

Slowed draft down to 54 Hz.

Date 10-22-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/22	2220	54/90	371	344	5.42	40°	9.1	71.9	72
	0111	54/90	375	347	5.31	35°	9.1	71.1	72
	0404	54/90	374	355	5.22	32°	9.1	69.5	72
	653	54/88	380	353	5.51	30°	9.1	71.3	72
	933	54/90	372	347	5.38	32°	9.1	72.6	
	1213	54/90	373	353	5.40	40°	9.1	71.1	
	1545	54/95	370	351	5.35	42	9.1	72.0	72
	1825	54/92	368	344	5.48	40	9.1	71.8	72
	2105	54/90	371	346	5.50	37	9.1	72.4	72

Note any changes to the system

Date 10-23-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/23	2345	54/92	364	344	5.31	35°	9.1	71.1	72
	0225	54/92	361	345	5.37	37°	9.1	70.3	72
	0505	54/90	371	352	5.35	38°	9.1	68.5	72
	0745	54/94	371	349	5.44	35°	9.1	69.8	
	1025	54/94	372	352	5.44	38	9.1	71.2	72
	1305	54/92	364	345	5.40	43	9.1	72.1	72
	1545	54/90	360	344	5.28	43	9.1	70.9	72
	1825	54/92	349	334	5.35	40	9.1	71.5	72
	2105	54/92	365	342	5.54	33	9.1	72.7	72

Note any changes to the system

Date 10-24-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/24	2345	54/92	365	341	5.4	32°	9.1	74.6	72
	225	54/89	360	340	5.5	30°	"	74.3	"
	305	54/89	372	347	5.5	28°	"	72.7	"
	745	54/89	363	345	5.4	28°	9.0	69.8	"
	1025	54/91	364	346	5.40	34	9.1	71.2	72
	1305	54/91	365	351	5.40	42	9.1	72.1	72
	1545	54/90	379	335	5.48	45	9.1	69.7	72
	1825	54/90	364	352	5.32	44	9.1	72.2	72
	2105	54/91	368	351	5.38	41	9.1	71.7	72

Note any changes to the system

Date 10-25-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/25	2345	54/90	369	349	5.4	38°	9.1	72.7	72
	0225	54/88	366	347	5.3	38°	9.1	71.9	72
	0505	54/90	370	352	5.3	38°	9.1	72.4	72
	0745	54/95	373	348	5.53	37°	9.1	69.9	72
	1025	54/95	367	348	5.26	37°	9.1	65.3	72
	1252	54/93	383	355	5.45	37°	9.6	75.3	72
	1526	54/92	375	355	5.22	41	9.3	72.9	72
	1754	54/90	376	351	5.48	41	9.3	73.7	72
	2026	54/90	376	357	5.43	40	9.3	73.0	72

Note any changes to the system

Lime rate 9.3 = 72 lbs per hours

Date 10-26-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/26	2256	54/90	386	359	5.5	40°	9.28	73.2	72
	0120	54/90	380	359	5.4	36°	9.28	72.4	72
	0344	54/90	377	358	5.3	34°	9.28	72.2	72
	0608	54/92	384	360	5.3	32°	9.27	72.4	72
	0832	54/94	377	353	5.36	30°	9.2	64.02	72
	1052	54/93	378	362	5.27	34°	9.4	76.1	72
	1313	54/93	384	361	5.39	38°	9.2	76.7	72
	1534	54/92	390	368	5.34	42	9.1	73.9	72
	1755	54/90	384	365	5.34	42	9.1	74.1	72
	2016	54/90	382	359	5.48	33	9.1	73.2	72

Note any changes to the system

Date 10-27-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/27	2237	54/92	383	358	5.5	30°	9.1	72.2	72
	0058	54/92	380	363	5.3	34°	9.1	71.7	72
	0319	54/88	378	360	5.3	36°	9.1	71.9	72
	0540	54/92	382	360	5.3	36°	9.1	73.0	72
	0801	54/92	387	367	5.38	36°	9.1	70.1	72
	1022	54/93	394	373	5.41	37°	9.1	70.8	72
	1243	54/90	392	370	5.49	43°	9.1	71.1	72
	1504	54/91	406	385	5.37	44	9.1	72.4	72
	1725	54/90	398	373	5.48	44	9.1	73.0	72
	1946	54/90	394	373	5.50	43	9.1	71.4	72

Note any changes to the system

Date 10-28-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/28	2207	54/90	387	369	5.4	42°	9.1	73.2	72
	0028	54/90	391	373	5.4	42°	9.1	72.2	72
	0249	54/90	393	370	5.4	44°	9.1	72.4	72
	0510	54/86	391	370	5.4	44°	9.1	70.1	72
	0731	54/92	384	368	5.25	42°	9.1	64.02	72
	0952	54/91	393	374	5.36	45°	9.1	62.6	72
	1213	54/90	400	375	5.44	52°	9.3	65.6	72
	1434	54/89	401	376	5.46	55	9.4	69.7	72
	1655	54/87	401	378	5.37	55	9.4	68.2	72
	1916	54/87	399	374	5.57	49	9.4	67.7	72
	2137	54/90	392	370	5.40	46	9.4	71.4	72

Note any changes to the system

Increased to 9.3 = 72 lbs per hrs J.S.

Increased to 9.4 = 72 lbs per hr J.S.

Date 10-29-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/29	2358	54/88	396	376	5.3	44°	9.4	70.6	72
	0219	54/90	395	369	5.3	42°	9.4	70.9	72
	0440	54/85	399	370	5.4	42°	9.4	72.7	72
	0701	54/89	394	366	5.36	44°	9.4	73.01	72
	0922	54/90	392	373	5.25	47°	9.4	73.2	72
	1143	55/92	398	370	5.48	49°	9.4	73.01	72
	1404	55/93	405	378	5.50	49	9.4	72.5	72
	1625	55/90	405	379	5.53	49	9.4	73.10	72
	1946	55/91	404	378	5.54	47	9.4	71.9	72
	2107	55/91	398	377	5.28	46	9.4	72.4	72

Note any changes to the system

925 Inc exhaust drive to 55 Hz from 54 Hz

Date 10-30-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/30	2328	55/92	353	374	5.3	44°	9.4	73.2	72
	0149	55/92	396	379	5.3	44°	9.4	72.4	72
	0410	55/90	397	378	5.4	42°	9.4	72.2	72
	0631	55/92	407	387	5.3	42°	9.4	72.4	72
	0852	55/92	403	385	5.4	42°	9.4	73.0	72
	1113	55/95	397	378	5.4	46°	9.4	71.6	"
	1334	55/93	398	375	5.4	46°	9.4	72.4	"
	1555	55/90	393	369	5.3	46°	9.4	72.5	"
	1816	55/90	393	378	5.3	44°	9.4	73.1	"
	2032	55/89	393	373	5.4	42°	9.4	73.5	"

Note any changes to the system

Date 10-31-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
10/31	2258	55/92	393	370	5.4	44°	9.4	72.7	72
	0119	55/90	389	373	5.4	44°	9.4	72.4	72
	0340	55/92	395	374	5.4	42°	9.4	71.9	72
	0601	55/93	395	373	5.4	36°	9.4	73.0	72
	0822	55/93	396	372	5.5	36°	9.4	71.6	72
	1043	55/95	387	368	5.4	40°	9.4	77.2	"
	1304	55/94	390	372	5.4	48°	9.3	73	"
	1525	55/93	391	370	5.4	48°	9.3	74.5	"
	1746	55/94	390	373	5.3	44°	9.3	73.4	"
	2007	55/94	392	371	5.5	40°	9.3	74.9	"

Note any changes to the system

Decreased lime to 9.3 DG 1050

Date 11-1-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/1	2228	55/92	385	367	5.4	38°	9.3	74.1	72
	0049	55/92	400	379	5.4	36°	9.3	73.5	72
	0310	55/93	394	373	5.5	32°	9.3	73.0	72
	0531	55/94	381	358	5.5	30°	9.3	73.1	72
	0752	55/100	379	360	5.45	30°	9.3	72.8	72
	1013	55/100	383	358	5.54	36°	9.3	73.4	
	1234	55/100	376	357	5.46	38°	9.3	73.1	
	1455	55/98	378	357	5.56	40	9.3	71.4	72
	1716	55/95	387	360	5.55	42	9.3	72.7	72
	1938	55/95	376	357	5.52	36	9.3	72.1	72
	2159	55/95	385	358	5.70	33	9.3	71.9	72

Note any changes to the system

Date 11-2-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/2	0018	55/95	380	354	5.7	32°	9.3	72.2	72
	0241	55/95	375	356	5.6	32°	9.3	71.9	72
	0502	55/95	376	357	5.5	30°	9.5	68.2	72
	0728	55/98	384	360	5.54	30°	9.5	82.9	72
	943	55/100	384	343	5.57	30°	9.1	78.1	
	1204	55/100	392	364	6.00	35°	9.0	76.6	
	1425	55/98	376	358	5.48	37	9.0	73.01	72
	1725	55/95	390	361	5.65	37	9.0	72.7	72
	1945	55/98	376	352	5.78	30	9.0	72.0	72
									72

Note any changes to the system

increase lim rate 9.5 lbs per hr
Cut lime rate to 9.1 JT
Cut lime rate to 9.0 JT

Date 11-3-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/3	2225	55/96	350	356	5.7	30°	9.0	70.1	72
	0105	55/96	370	351	5.7	26°	9.0	70.6	72
	0345	55/98	373	345	5.7	24°	9.0	71.4	72
	0625	55/100	376	344	5.81	22°	9.0	71.8	
	905	55/100	372	345	5.63	23°	9.0	72.9	
	1145	55/99	363	345	5.70	32°	9.0	70.7	
	1425	55/99	363	342	5.80	38	7.0	4.39	50
	1705	55/99	367	346	5.77	37	7.7	49.6	50
	1945	55/95	366	339	5.86	30	7.7	49.7	50

Note any changes to the system

*Cut lime rate to 50 lbs per Hr. 7.0
" 1425 Inc. lime to 7.7

Date 11-4-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/4	2225	54/98	356	338	5.88	30°	7.7	57.5	50
	0125	54/98	359	338	5.45	37°	7.7	52.6	50
	0345	54/94	372	341	5.53	25°	7.7	53.3	50
	0625	54/92	372	341	5.90	26°	7.7	55.3	50
	905	51/86	376	345	5.78	28°	7.7	51.7	
	1145	52/85	368	371	5.64	36°	7.7	51.9	
	1425	52/80	360	342	5.33	37	7.7	51.5	50
	1725	52/80	360	337	5.61	37	7.7	50.7	50
	2025	52/75	378	345	5.67	32	7.7	51.2	50

Note any changes to the system

Date 11-5-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/5	2325	52/78	356	333	5.72	24°	7.7	58.2	50
	0225	52/76	375	341	5.85	24°	7.0	48.4	50
	0525	52/79	373	339	5.79	27°	7.0	51.5	50
	825	50/76	371	349	5.46	30°	7.0	51.9	50
	1125	50/78	396	363	5.25	32°	7.0	51.6	50
	1425	52/86	383	365	5.64	45	7.0	51.7	50
	1725	52/87	395	368	5.84	45	7.0	52.0	50
	2028	52/86	391	371	5.82	35	7.0	51.4	50

Note any changes to the system

cut lime rate to 7.0 = 50 lbs per Hr J.S.

Date 11-6-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/6	2325	52/87	384	361	5.80	33°	7.00	51.8	50
	0225	52/85	403	370	5.97	27°	7.00	50.0	50
	0525	52/87	396	370	5.87	28°	7.00	48.1	50
	0825	52/88	402	374	5.84	29°	7.00	50.0	50
	1125	52/85	406	377	5.97	39	7.0	51.2	50
	1425	52/84	373	372	5.85	46	7.0	50.6	50
	1725	52/84	392	370	5.89	49	7.0	52.0	50
	2025	52/86	391	369	5.89	42	7.0	51.4	50

Note any changes to the system

Date 11-7-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/7	2325	52/82	382	364	5.91	39°	7.0	51.05	50
	0125	52/83	395	370	5.92	40	7.0	50.0	50
	0425	52/85	403	374	5.96	38°	7.0	49.2	50
	0725	52/85	405	381	5.92	35°	7.0	50.7	50
	1025	52/83	416	393	5.94	46	7.0	51.2	50
	1325	52/83	414	388	5.91	58	7.0	50.4	50
	1625	52/83	412	390	5.97	60	7.0	51.0	50
	1925	52/84	419	392	5.93	45	7.0	51.4	50

Note any changes to the system

Date 11/8/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/8	2225	52/82	409	389	5.8	50°	7.0	47.8	50
	0125	52/84	415	388	5.7	46°	7.0	48.1	50
	0425	52/84	409	385	5.8	42°	7.0	51.0	50
	0425	52/87	407	381	5.88	43°	7.0	50	50
	0725	52/85	405	392	5.80	50°	7.0	51.5	50
	1025	52/85	408	382	5.91	56°	7.0	52.1	50
	1625	52/85	408	382	5.77	57	7.0	51.7	50
	1925	52/85	402	380	5.83	44	7.0	52.1	50

Note any changes to the system

Date 11-9-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/9	2275	52/85	394	372	5.77	40°	7.0	44.9	50
	0125	52/85	399	373	5.68	40°	7.2	49.4	50
	0425	52/85	402	376	5.60	36°	7.2	48.1	50
	0725	52/87	400	374	5.56	42°	7.2	46.5	50
	1025	52/87	397	381	5.23	45°	7.2	51.8	50
	1325	52/87	406	381	5.24	48°	7.2	52.1	50
	1605	53/90	404	385	5.19	46	7.2	51.7	50
	1845	53/88	391	375	5.49	42	7.2	52.2	50
	2125	53/88	394	372	5.36	36	7.2	51.9	50

Note any changes to the system

increase Lime rate 7.2 lbs Per Hr LC

Date 11-10-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/10	0005	53/88	390	369	5.3	30°	7.2	38.1	50
	0245	53/90	396	375	5.3	28°	7.4	48.7	50
	0525	53/90	388	376	5.4	24°	7.4	50.2	50
	0805	53/86	392	372	5.90	38°	7.4	50.9	50
	1045	53/90	396	377	5.83	50°	7.4	51.7	50
	1325	53/86	404	379	5.41	52°	7.4	48.8	50
	1545	53/87	397	381	5.64	52°	7.4	51.2	50
	1815	53/90	391	373	5.83	44	7.4	50.1	50
	2045	53/88	397	371	5.94	40	7.4	48.9	50

Note any changes to the system

increase lime rate 7.4 lbs Hr LC

Date 11-11-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/11	2315	53/88	396	374	5.8	36°	7.4	50.5	50
	0145	53/88	393	377	5.7	44°	7.4	50.8	50
	0415	53/88	396	375	5.8	44°	7.4	54.4	50
	0645	53/87	394	371	5.96	43°	7.2	54.2	50
	0915	53/89	404	379	5.70	48°	7.0	50.2	50
	1130	53/88	402	384	5.47	54	7.0	51.05	50
	1354	53/88	403	381	5.36	60°	7.0	51.5	50
	1618	53/88	402	382	5.15	52°	7.0	50.1	50
	1842	53/88	400	375	5.34	40°	7.0	51.7	50
	2106	53/86	407	382	5.38	42°	7.0	49.6	50

Note any changes to the system

Cut lime rate 7.2 lbs per hr LC

cut lime rate to 7.0 = 50 lbs per hr JS.

Date 11/12/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/12	2330	53/85	405	379	5.3	40°	7.0	51.0	50
	0154	53/87	397	372	5.3	36°	7.0	51.3	50
	0418	53/80	389	371	5.4	34°	7.0	49.4	50
	0642	53/88	402	374	5.23	33°	7.0	50	50
	0906	53/87	403	379	5.88	34°	7.0	51.5	50
	1130	53/88	397	378	5.13	42°	7.0	51.05	50
	1554	53/88	403	381	5.16	42°	7.0	50	50
	1618	53/89	402	377	5.19	38°	7.0	50.4	50
	1842	53/86	397	372	5.20	32°	7.0	50.4	
	2106	53/87	397	371	5.26	28°	7.0	50.2	

Note any changes to the system

Date 11/13/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/13	2330	53/85	388	370	5.1	28°	7.0	51.5	50
	0154	53/87	395	368	5.2	28°	7.0	50.5	50
	0418	53/87	394	372	5.1	28°	7.0	51.0	50
	0642	53/88	397	371	5.2	28°	7.0	50.7	50
	0906	53/87	395	375	5.2	30°	7.0	50.5	50
	1130	53/84	385	367	5.18	32°	7.0	50.2	50
	1354	53/88	391	374	5.14	38°	7.0	51.1	
	1618	53/90	398	378	5.17	32°	7.0	49.5	
	1842	53/84	401	381	5.14	32°	7.0	50.9	
	2106	53/88	395	373	5.20	32°	7.0	50.2	

Note any changes to the system

Date 11-14-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/14	2330	53/85	402	380	5.3	30°	7.0	50.2	50
	0154	53/85	397	376	5.2	28°	7.0	50.8	
	0418	53/85	390	373	5.1	26°	7.0	51.0	
	0642	53/86	396	377	5.2	26°	7.0	49.7	
	0906	53/86	396	373	5.3	24°	7.0	48.6	
	1130	53/86	399	374	5.29	24°	7.0	49.8	
	1354	53/85	392	371	5.23	28°	7.0	48.2	
	1618	53/84	396	372	5.55	28°	7.0	49.6	
	1842	53/84	391	375	5.20	26°	7.0	49.1	
	2106	53/86	395	372	5.33	26°	7.0	48.7	

Note any changes to the system

Date 11-15-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/15	2330	53/85	390	372	5.2	26°	7.0	49.2	50
	0154	53/85	399	373	5.2	24°	7.0	49.7	
	0418	53/87	392	372	5.2	22°	7.0	50.2	
	0642	53/88	388	370	5.25	25°	7.0	48.6	
	906	53/88	398	378	5.17	28°	7.0	49.8	
	1130	53/86	400	377	5.18	30°	7.0	50.3	
	1354	53/84	403	378	5.32	32°	7.0	49.4	
	1618	53/85	399	376	5.25	32	7.0	48.7	50
	1842	53/85	403	379	5.29	30	7.0	49.9	50
	2106	53/85	402	380	5.18	29	7.0	50.2	50

Note any changes to the system

Date 11-16-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/16	2330	53/86	397	379	5.2	28°	7.0	50.8	50
	0154	53/85	393	373	5.2	26°	7.0	50.3	50
	0418	53/85	394	376	5.1	22°	7.0	49.7	50
	0442	53/86	399	374	5.25	22°	7.0	48.6	50
	906	53/88	407	383	5.27	22°	7.0	49.2	
	1130	53/90	404	386	5.16	32°	7.0	49.6	
	1354	53/89	411	393	5.16	36°	7.0	49.9	
	1618	53/84	411	388	5.34	38	7.0	47.7	50
	1842	53/84	406	386	5.16	34	7.0	48.9	50
	2106	53/84	409	386	5.22	33	7.0	47.4	50

Note any changes to the system

Date 11-17-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/17	2330	53/85	404	384	5.2	34°	7.0	48.1	50
	0154	53/85	416	388	5.2	38°	7.0	48.7	50
	0418	53/84	418	396	5.2	40°	7.0	47.3	50
	0642	53/85	424	399	5.19	40°	7.0	48.7	50
	934	53/85	398	378	5.26	50°	7.0	49.4	
	1200	53/82	400	382	5.04	52°	7.0	50.4	
	[redacted]	53/							
	1424	53/85	404	381	5.31	54	7.0	47.7	50
	1648	53/85	394	372	5.64	52	7.0	48.1	50
	1912	53/84	394	373	5.44	44	7.0	47.7	50
	2136	53/85	395	367	5.59	40	7.0	46.9	50

Note any changes to the system

Date 11-18-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/18	0000	53/87	399	374	5.65	39°	7.0	43.1	50
	0224	53/86	401	378	5.36	35°	7.0	42.5	50
	0448	53/86	397	379	5.39	33°	7.0	44.7	50
	712	53/89	404	377	5.60	30°	7.0	45.8	50
	936	53/40	409	381	5.67	32°	7.3	53.6	
	1200	53/90	411	384	5.62	32°	7.1	48.7	
	1425	53/86	398	378	5.18	29	7.1	49.9	50
	1648	53/86	402	381	5.18	26	7.1	47.7	50
	1912	53/86	404	380	5.22	25	7.1	47.9	50
	2136	53/86	397	373	5.12	25	7.1	48.2	50

Note any changes to the system

Inc. lime rate to 7.3

cut lime rate to 7.1

Date 11-19-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/19	0000	53/87	392	372	5.09	24°	7.1	47.6	50
	0224	53/87	391	373	5.12	24°	7.1	49.4	50
	0448	53/88	392	370	5.19	24°	7.1	49.7	50
	712	53/88	400	384	5.22	25°	7.1	48.4	50
	936	53/87	408	385	5.19	25°	7.1	49.2	
	1200	53/89	415	387	5.28	30°	7.1	49.0	
	1424	53/88	394	377	5.11	34	7.1	52.9	50
	1648	53/88	400	377	5.23	32	7.1	51.2	50
	1912	53/85	403	377	5.45	28	7.1	52.1	50
	2136	53/86	403	381	5.61	27	7.1	48.7	50

Note any changes to the system

Date 11-20-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/20	0000	53/87	398	377	5.67	27°	7.1	50	50
	0224	53/85	396	378	5.77	26°	7.1	50.5	50
	0448	53/84	403	377	5.83	26°	7.1	51.05	50
	0712	53/89	398	380	5.15	26°	7.1	50.7	50
	0936	53/88	412	385	5.24	28°	7.1	51.8	50
	1200	53/85	417	395	5.12	30	7.1	50.9	50
	1424	53/86	417	393	5.19	32	7.1	49.7	50
	1648	53/86	414	390	5.09	32	7.1	51.4	50
	1912	53/86	392	374	6.0	32	7.1	52.2	50
	2136	53/85	400	382	5.79	32	7.1	51.9	50

Note any changes to the system

Date 11-21-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/21	0000	53/87	394	377	6.07	29°	7.1	50.05	50
	0224	53/86	401	377	5.64	25°	7.1	51.3	50
	0448	53/86	393	377	5.68	23°	7.1	50.5	50
	0712	53/88	400	378	5.75	28°	7.1	50.2	50
	0936	53/88	391	373	5.60	30°	7.1	51.3	50
	1200	53/86	393	374	5.72	35	7.1	50.1	50
	1424	53/86	400	375	5.60	37	7.1	49.4	50
	1648	53/85	392	374	5.58	39	7.1	48.9	50
	1912	53/85	391	371	5.49	35	7.1	49.2	50
	2136	53/85	394	372	5.37	28	7.1	42.9	50

Note any changes to the system

Date 11-22-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/22	0000	53/87	392	370	5.3	24°	7.1	50.8	50
	0224	53/86	402	376	5.5	22°	7.1	51.0	50
	0448	53/88	398	374	5.3	22°	7.1	51.3	50
	0712	53/92	398	371	5.65	20°	7.1	52.1	50
	0936	53/90	397	376	5.21	22°	7.1	53.1	50
	1200	53/90	395	375	5.22	24°	7.1	52.0	50
	1424	53/87	399	376	5.29	27	7.1	49.8	50
	1648	53/86	398	377	5.20	25	7.1	50.1	50
	1912	53/85	405	386	5.36	22	7.1	48.9	50
	2136	53/86	395	370	5.32	20	7.1	49.1	50

Note any changes to the system

Date 11-23-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/23	0000	53/87	392	374	5.2	18°	7.1	51.3	50
	0224	53/87	398	372	5.3	14°	7.1	51.0	50
	0448	53/86	395	373	5.3	14°	7.1	52.1	50
	0712	53/90	393	370	5.36	13°	7.1	52.3	50
	0936	53/90	391	370	5.30	19°	7.1	51.5	50
	1200	53/87	396	373	5.19	23°	7.1	51.05	50
	1424	53/87	395	378	5.19	29	7.1	50.2	50
	1648	53/86	400	376	5.29	30	7.1	52.0	50
	1912	53/85	405	380	5.60	26	7.1	51.9	50
	2136	53/85	395	376	5.13	26	7.1	50.4	50

Note any changes to the system

Date 11-24-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/24	0000	53/87	394	375	5.2	26°	7.1	47.8	50
	0224	53/85	397	371	5.2	26°	7.1	47.6	50
	0448	53/86	394	373	5.2	26°	7.1	48.4	50
	0712	53/85	399	370	5.44	28°	7.1	48.7	50
	936	53/88	400	377	5.12	32°	7.1	51.8	50
	1200	53/86	395	378	5.10	40°	7.1	50.7	50
	1424	53/85	405	384	5.24	44	7.1	49.5	50
	1648	53/85	400	379	5.29	43	7.1	50.9	50
	1912	53/86	398	373	5.33	41	7.1	48.7	50
	2136	53/85	395	376	5.15	41	7.1	49.2	50

Note any changes to the system

Date 11-25-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/25	0000	53/85	386	369	5.1	40°	7.1	48.4	50
	0224	53/85	398	373	5.3	38°	7.1	48.7	50
	0448	53/85	396	374	5.2	36	7.1	49.2	50
	0712	53/85	388	367	5.38	36°	7.1	50.0	50
	0936	53/86	389	370	5.18	36°	7.1	51.8	50
	1200	53/85	395	377	5.23	35°	7.1	50.9	50
	1424	53/85	400	376	5.33	36°	7.1	50.1	50
	1648	53/86	390	371	5.20	30°	7.1	49.7	
	1912	53/86	385	361	5.47	25°	7.1	50.3	
	2136	53/85	386	364	5.27	22°	7.1	49.5	

Note any changes to the system

Date 11-26-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/26	0000	53/86	391	365	5.3	20°	7.1	47.8	50
	0224	53/85	391	370	5.2	20°	7.1	48.1	50
	0448	53/86	391	371	5.1	18°	7.1	48.9	50
	0712	53/90	384	365	5.19	17°	7.1	48.4	50
	0936	53/90	393	369	5.23	18°	7.1	46.5	50
	1200	53/88	389	369	5.23	19°	7.1	48.4	50
	1412	53/86	396	371	5.28	20°	7.1	47.7	50
	1636	53/87	390	372	5.21	20°	7.1	48.2	50
	1848	53/88	387	371	5.17	20°	7.1	49.3	50
	2104	53/86	393	374	5.24	20°	7.1	49.6	50

Note any changes to the system

Date 11-27-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/27	2324	53/85	395	371	5.3	20°	7.1	51.8	50
	0142	53/86	392	368	5.3	18°	7.1	51.3	50
	0400	53/85	396	371	5.3	18°	7.1	50.8	50
	0618	53/86	387	371	5.2	20°	7.1	50.5	50
	0836	53/88	397	375	5.2	20°	7.1	47.3	50
	1054	53/88	397	372	5.29	22°	7.1	48.6	50
	1312	53/88	403	377	5.48	22°	7.1	48.9	50
	1530	53/86	394	375	5.37	22°	7.1	49.4	50
	1748	53/87	388	371	5.40	22°	7.1	49.0	50
	2006	53/86	384	368	5.19	20°	7.1	48.2	50

Note any changes to the system

Date 11-28-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/28	2224	53/85	390	358	5.3	20°	7.1	49.4	50
	0042	53/85	387	369	5.2	20°	7.1	49.7	50
	0300	53/85	386	369	5.2	20°	7.1	48.6	50
	0518	53/85	386	364	5.2	20°	7.1	48.9	50
	0736	53/87	387	368	5.1	20°	7.1	49.2	50
	0954	53/85	399	371	5.2	22°	7.1	47.8	50
	1212	53/88	396	369	5.36	22°	7.1	48.4	50
	1430	53/88	388	371	5.17	24°	7.1	50.8	
	1648	53/89	388	370	5.14	24°	7.1	51.6	
	1906	53/86	386	368	5.16	24°	7.1	50.2	
	2124	53/85	392	374	5.19	26°	7.1	52.9	

Note any changes to the system

Date 11-29-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/29	2342	53/86	391	374	5.1	22°	7.1	47.8	50
	0200	53/86	394	373	5.3	20°	7.1	48.1	50
	0419	53/87	391	368	5.3	18°	7.1	49.2	50
	0636	53/88	393	371	5.31	18°	7.1	49.6	50
	854	53/90	382	365	5.20	18°	7.1	48.8	50
	1109	53/90	389	372	5.15	26°	7.1	49.3	50
	1324	53/90	393	372	5.31	30°	7.1	44.6	50
	1539	53/90	392	369	5.30	30	7.1	46.7	50
	1754	53/86	394	376	5.23	29	7.1	47.2	50
	2009	53/86	382	365	5.21	22	7.1	45.1	50

Note any changes to the system

Inc. lime rate to 7.2

Date 11-30-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
11/30	2224	53/88	376	361	5.2	22°	7.2	51.3	50
	0036	53/88	388	362	5.3	22°	7.2	50.5	50
	0248	53/88	390	364	5.2	22°	7.2	49.4	50
	0500	53/85	387	369	5.1	24°	7.2	49.2	50
	0712	53/90	385	365	5.32	20°	7.2	48.6	50
	924	54/92	390	347	5.35	24°	7.2	47.4	50
	1136	54/92	401	376	5.30	25°	7.2	45.7	50
	1348	54/90	396	372	5.34	28°	7.2	47.8	50
	1600	54/88	401	375	5.42	27	7.2	48.2	50
	1812	54/88	396	379	5.19	27	7.2	47.0	50
	2024	54/88	392	372	5.28	27	7.2	48.4	50

Note any changes to the system

730 INC EXHAUST HZ TO 54.0 RB

Date 12-1-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/1	2236	54/90	398	380	5.2	24	7.2	49.7	50
	0048	54/90	392	375	5.3	24'	7.2	48.4	50
	0300	54/90	396	372	5.3	22'	7.0	55.2	50
	0512	54/90	359	379	5.2	22	7.0	50.2	50
	0724	54/95	395	374	5.36	24°	7.0	49.4	50
	936	54/95	399	380	5.53	26°	7.0	50.7	50
	1148	54/96	401	379	5.54	30°	7.0	48.4	50
	1400	54/95	406	383	5.30	32°	7.0	48.8	50
	1612	54/88	408	382	5.25	33	7.0	49.4	50
	1824	54/87	407	385	5.32	32	7.0	48.9	50
	2036	54/87	405	384	5.19	32	7.0	47.9	50

Note any changes to the system

Cut lime rate 7.0 lbs per hr LC

Date 12-2-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/2	2248	54/88	399	373	5.38	34°	7.0	48.8	50
	0100	54/87	403	383	5.15	37°	7.0	48.4	50
	0312	54/88	409	383	5.35	39°	7.0	44.1	50
	0524	54/90	417	391	5.32	40°	7.0	40.7	50
	736	54/92	404	384	5.24	42°	7.2	53.7	50
	948	54/90	410	385	5.07	42°	7.2	53.9	50
	1200	54/90	404	387	5.10	40°	7.0	49.5	50
	1412	54/90	408	385	5.37	38	7.0	51.2	50
	1624	54/88	401	385	5.18	38	7.0	49.7	50
	1836	54/88	399	379	5.68	34	7.0	50.4	50
	2048	54/90	404	385	5.78	30	7.0	49.4	50

Note any changes to the system

Inc lime rate to 7.2 = 50 lbs JS.
cut lime rate to 7.0

Date 12-3-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/3	2300	54/88	395	376	5.72	26°	7.0	50	50
	0112	54/92	407	383	5.56	26°	7.0	48.9	50
	0324	54/88	401	381	5.06	26°	7.0	49.7	50
	0536	54/92	405	385	5.81	25°	7.0	48.4	50
	748	54/90	413	390	5.24	26°	7.0	49.6	50
	1000	54/92	409	389	5.13	28°	7.2	53.8	55
	1212	54/92	404	388	5.21	26°	7.2	54.7	55
	1424	54/90	410	390	5.29	30	7.2	54.2	55
	1636	54/87	404	385	5.27	28	7.2	49.9	55
	1848	54/87	401	384	5.18	30	7.2	53.7	55
	2100	54/86	406	389	5.19	29	7.2	54.1	55

Note any changes to the system

INC LIME LBS TO 55. BS

Inc. lime rate to 7.2 to = 55

Date 12-4-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/4	2312	54/90	394	379	5.21	29°	7.2	48.1	55
	0124	54/88	395	379	5.15	29°	7.2	48.8	55
	0336	54/87	404	380	5.28	29°	7.2	46.5	55
	0548	54/88	399	378	5.18	26°	7.2	52.9	55
	0800	54/92	400	377	5.26	27°	7.2	51.5	55
	1012	54/90	400	382	5.20	30	7.2	53.2	55
	1224	54/87	405	384	5.16	32	7.2	53.6	55
	1436	54/88	408	385	5.27	33	7.2	52.7	55
	1648	54/88	403	379	5.24	30	7.2	54.2	55
	1900	54/87	408	382	5.26	26	7.2	53.9	55
	2112	54/88	399	377	5.28	25	7.2	52.4	55

Note any changes to the system

Date 12-5-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/5	2324	54/90	393	373	5.27	25°	7.2	54.4	55
	0136	54/88	390	374	5.14	23°	7.2	56.08	55
	0348	54/88	389	372	5.14	23°	7.2	53.4	55
	0600	54/89	381	366	5.24	24°	7.2	54.2	55
	0812	54/89	384	370	5.12	22°	7.2	53.4	55
	1024	54/90	391	373	5.24	26	7.2	52.9	55
	1236	54/90	401	376	5.32	30	7.2	54.0	55
	1448	54/90	403	381	5.29	30	7.2	53.0	55
	1700	54/87	405	378	5.35	27	7.2	51.9	55
	1912	54/86	408	381	5.30	28	7.2	54.0	55
	2124	54/85	406	383	5.31	29	7.2	53.4	55

Note any changes to the system

Date 12-6-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/6	2336	54/86	396	378	5.1	34°	7.2	51.8	55
	0148	54/86	411	385	5.3	34°	7.2	51.05	55
	0400	54 86	409	385	5.2	34°	7.2	50.5	55
	0612	54/92	409	383	5.38	31°	7.2	47.3	55
	0824	54/89	403	384	5.13	30°	7.2	53.4	55
	1036	53/90	404	380	5.19	27°	7.2	53.1	55
	1248	53/87	393	376	5.11	27°	7.2	51.5	55
	1500	53/86	401	377	5.13	25	7.2	53.2	55
	1712	53/84	397	373	5.19	22	7.2	52.1	55
	1924	53/85	384	365	5.27	20	7.2	52.7	55
	2136	53/85	392	366	5.35	17	7.2	54.1	55

Note any changes to the system

1030 cut exhaust drive to 53 Hz per BS. J.S.

Mk

Date 12-7-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/7	2348	53/86	395	371	5.2	24°	7.2	52.3	55
	0200	53/88	394	372	5.1	12°	7.2	51.8	55
	0412	53/87	398	373	5.3	10°	7.2	52.11	55
	0624	53/90	380	363	5.15	9°	7.2	53.1	55
	0836	53/92	387	369	5.19	8°	7.2	52.3	55
	1048	54/91	396	372	5.29	10°	7.2	53.1	55
	1300	54/88	391	366	5.30	14°	7.2	53.4	55
	1512	54/95	395	374	5.38	14	7.2	52.7	55
	1724	54/95	385	365	5.23	13	7.2	52.4	55
	1936	54/91	390	371	5.34	13	7.2	53.0	55
	2148	54/92	387	368	5.26	14	7.2	51.9	55

Note any changes to the system

Inc exhaust drive back to 54 Hz Per BS J.S.

Date 12-8-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/8	0000	54/90	396	369	5.3	12°	7.2	52.9	55
	0212	54/90	390	372	5.2	12°	7.2	52.1	55
	0424	54/90	392	373	5.3	12°	7.2	51.5	55
	0636	54/92	390	372	5.39	12°	7.2	51.8	55
	848	54/94	385	369	5.25	12°	7.2	50.4	55
	1400	54/85	376	363	5.35	18°	7.2	51.0	55
	1612	54/82	375	366	5.40	17	7.2	52.0	55
	1824	54/81	375	356	5.49	17	7.2	53.4	55
	2036	54/80	378	364	5.44	18	7.2	51.2	55

Note any changes to the system

Date 12-9-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/9	2248	54/80	379	364	5.4	12°	7.2	52.3	55
	0100	54/80	387	365	5.4	12°	7.2	52.1	55
	0312	54/80	378	360	5.5	10°	7.2	50.5	55
	0524	54/82	380	361	5.4	12°	7.2	50.2	55
	0736	54/85	376	358	5.60	17°	7.2	48.6	55
	0948	54/83	380	366	5.44	21°	7.2	48.9	55
	1200	54/83	389	369	5.51	25°	7.4	55.2	55
	1412	54/82	387	372	5.45	26°	7.4	54.8	55
	1624	54/82	393	372	5.49	28°	7.4	56.2	55
	1836	54/80	380	365	5.41	28°	7.4	53.3	55
	2048	54/80	395	372	5.40	28°	7.4	57.4	55

Note any changes to the system

Inc lime rate to 7.4 = 55 lbs per hr JS.

Date 12-10-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/10	2300	54/80	387	365	5.5	30°	7.4	53.9	55
	0112	54/80	370	359	5.4	30°	7.4	53.1	55
	0324	54/80	379	365	5.3	30°	7.4	52.9	55
	0536	54/82	380	360	5.5	30°	7.4	52.1	55
	0748	54/83	381	366	5.41	27°	7.4	50.6	55
	0900	54/82	390	371	5.32	29°	7.4	50.5	55
	1212	54/82	389	369	5.46	29°	7.5	51.3	55
	1424	54/80	384	373	5.53	34°	7.5	52.9	55
	1636	54/80	383	369	5.54	32°	7.5	51.7	55
	1848	54/80	395	375	5.52	32°	7.5	54.4	55
	2100	54/82	388	372	5.41	32°	7.5	53.6	55

Note any changes to the system

Date 12-11-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/11	2312	54/78	389	372	5.3	38°	7.5	51.5	55
	0124	54/77	395	374	5.5	42°	7.5	52.6	55
	0336	54/78	40	375	5.4	46°	7.5	51.8	55
	0548	54/78	392	368	5.5	50°	7.5	52.11	55
	0800	54/78	403	379	5.4	50°	7.5	52.6	55
	1012	54/76	408	384	5.43	50°	7.5	53.7	55
	1224	54/75	400	380	5.42	32°	7.5	52.7	55
	1436	54/75	396	375	5.36	30°	7.5	51.3	55
	1648	54/78	400	377	5.41	30°	7.5	54.2	55
	1900	54/76	401	378	5.40	30°	7.5	52.6	55
	2112	54/75	409	381	5.55	26°	7.5	50.4	55

Note any changes to the system

Date 12-12-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/12	2324	54/78	397	381	5.3	26°	7.55	55.1	55
	0136	54/77	407	381	5.3	26°	7.5	53.7	55
	0348	54/78	402	385	5.4	24°	7.5	53.1	55
	0600	54/80	395	378	5.4	24°	7.5	51.8	55
	0812	54/78	403	379	5.5	24°	7.5	51.1	55
	1024	54/75	386	371	5.45	30°	7.5	50.7	55
	1236	54/78	394	371	5.55	32°	7.5	52.6	55
	1448	54/76	388	370	5.57	40°	7.5	53.4	55
	1700	54/78	382	368	5.53	40°	7.5	52.2	55
	1912	54/78	394	371	5.43	35°	7.5	54.1	55
	2124	54/75	392	373	5.60	35	7.5	52.8	55

Note any changes to the system

Date 12-13-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/13	2336	54/78	389	373	5.4	34	7.5	50.5	55
	0148	54/77	391	373	5.4	32	7.5	51.3	55
	0400	54/77	397	377	5.5	32	7.5	54.7	55
	0612	54/76	396	372	5.76	32°	7.5	53.4	55
	824	54/75	393	374	5.61	30°	7.5	52.6	55
	1036	54/77	399	378	5.59	34°	7.5	53.2	55
	1248	54/80	396	374	5.60	48°	7.2	53.7	55
	1500	54/77	397	378	5.54	43	7.2	52.4	55
	1712	54/80	389	378	5.56	39	7.2	53.1	55
	1924	54/80	380	369	5.44	30	7.2	53.9	55
	2136	54/81	388	367	5.65	27	2.3	52.7	55

Note any changes to the system

Cut lime rate to 7.2

Date 12-14-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/14	2348	54/80	387	370	5.6	22	7.2	51.3	55
	0200	54/80	392	372	5.6	22	7.2	51.8	55
	0412	54/80	389	373	5.4	18	7.2	52.6	55
	0624	54/80	382	367	5.81	18°	7.2	53.8	55
	836	54/78	380	367	5.52	22°	7.2	49.8	55
	1048	54/80	394	373	5.53	34°	7.5	54.2	55
	1200	54/80	388	374	5.52	45°	7.5	53.1	55
	1512	54/82	395	375	5.61	44	7.5	55.4	55
	1724	54/79	388	372	5.67	40	7.5	54.0	55
	1936	54/80	383	367	5.57	37	7.5	52.7	55
	2145	54/80	388	372	5.47	37	7.5	52.9	55

Note any changes to the system

Inc. lime rate to 7.5.

Date 12-15-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/15	0000	54/80	390	375	5.4	40°	7.5	55.1	55
	0212	54/78	395	380	5.5	40°	7.5	53.4	55
	0424	54/80	400	379	5.6	36°	7.5	51.5	55
	0636	54/80	390	379	5.80	38°	7.5	53.3	55
	848	54/78	392	376	5.49	38°	7.5	55.8	55
	1100	54/75	392	374	5.51	42°	7.5	55.1	55
	1312	54/78	400	376	5.51	46°	7.5	54.4	55
	1524	54/79	407	382	5.49	49	7.5	53.4	55
	1736	54/77	401	385	5.21	52	7.5	54.0	55
	1948	54/76	404	386	5.32	53	7.5	52.7	55

Note any changes to the system

Date 12-16-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/16	2200	54/[illegible]	395	380	5.30	54	7.5	53.4	55
	0048	54/77	402	376	5.48	54°	7.5	53.7	55
	0300	54/77	398	376	5.43	54°	7.5	52.6	55
	0512	54/78	399	378	5.51	54°	7.5	50.5	55
	724	54/78	398	374	5.65	55°	7.5	52.6	55
	936	54/78	400	376	5.47	52°	7.5	54.1	55
	1206	54/78	404	385	5.42	52°	7.5	53.2	55
	1427	54/80	407	351	5.60	40	7.5	52.7	55
	1648	54/77	400	376	5.56	37	7.5	54.1	55
	1909	54/78	396	370	5.51	32	7.5	52.7	55
	2130	54/80	395	371	5.65	31	7.5	53.4	55

Note any changes to the system

Date 12-17-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/17	2351	54/78	385	365	5.53	29°	7.5	56.6	55
	0212	54/80	381	366	5.50	27°	7.5	55.2	55
	0433	54/80	385	370	5.51	24°	7.5	53.9	55
	654	54/78	397	377	5.44	22°	7.5	53.4	55
	915	54/80	382	365	5.54	22°	7.5	51.8	55
	1136	54/78	399	375	5.60	25°	7.5	53.3	55
	1357	54/80	391	373	5.61	28°	7.5	53.7	55
	1618	54/80	392	373	5.52	27	7.5	52.4	55
	1839	54/80	389	371	5.59	23	7.5	52.2	55
	2100	54/81	386	363	6.00	23	7.5	53.1	55

Note any changes to the system

Date 12-18-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/18	2321	54/80	372	354	5.63	23°	7.5	57.6	55
	0142	54/77	373	353	5.73	23°	7.5	56.3	55
	0403	54/80	370	355	5.57	23°	7.5	55.2	55
	0624	54/80	372	352	5.87	21°	7.5	55.8	55
	0845	54/82	378	359	5.60	21°	7.5	55.02	55
	1106	54/84	385	362	5.74	22	7.5	54.7	55
	1327	54/85	387	364	5.69	24	7.5	54.0	55
	1548	54/80	384	365	5.59	24	7.5	52.9	55
	1808	54/83	380	357	5.70	23	7.5	54.1	55
	2030	54/82	375	353	5.55	22	7.5	53.4	55

Note any changes to the system

Date 12-19-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/19	2251	54/80	380	357	5.65	21°	7.5	55.02	55
	0112	54/80	379	361	5.75	21°	7.5	54.7	55
	0333	54/78	382	364	5.63	20°	7.5	55.02	55
	0554	54/80	383	361	5.77	19°	7.5	55.2	55
	0815	54/82	381	365	5.55	18°	7.5	55.02	55
	1036	54/80	389	371	5.66	18	7.5	54.7	55
	1257	54/80	388	371	5.56	20	7.5	53.9	55
	1518	54/80	390	371	5.70	21	7.5	54.0	55
	1739	54/80	388	366	5.72	20	7.5	52.8	55
	2000	54/80	384	360	5.68	18	7.5	54.2	55

Note any changes to the system

Date 12/20/21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/20	2221	54/80	383	363	5.6	20°	7.5	51.8	55
	0042	54/80	387	366	5.7	20°	7.5	52.1	55
	0303	54/80	396	371	5.7	20°	7.5	51.6	55
	0524	54/80	395	374	5.6	20°	7.5	51.5	55
	0745	54/82	379	353	5.63	20°	7.5	55.2	55
	0100	54/83	374	351	5.73	22°	7.5	55.02	55
	1227	53/79	365	349	5.45	29°	7.5	54.7	55
	1448	53/78	377	354	5.43	33	7.5	53.7	55
	1709	53/75	376	356	5.38	30	7.5	52.0	55
	1930	53/75	376	353	5.45	28	7.5	54.2	55
	2151	53/76	367	348	5.45	27	7.5	53.7	55

Note any changes to the system

cut exhaust drive to 53 Hz per B.S. J.S.

Date 12-21-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/21	0012	53/77	369	354	5.4	24°	7.5	52.6	55
	0233	53/76	378	353	5.5	20°	7.5	52.1	55
	0454	53/77	375	356	5.4	16°	7.5	51.3	55
	0715	53/80	376	354	5.57	13°	7.5	55.02	55
	0936	53/80	368	351	5.45	19°	7.5	55.02	55
	1157	53/78	373	356	5.30	27°	7.5	55.2	55
	1418	53/80	388	364	5.34	28	7.5	53.2	55
	1639	53/78	384	361	5.41	27	7.5	54.1	55
	1900	53/80	381	358	5.49	27	7.5	52.7	55
	2121	53/80	379	357	5.43	30	7.5	53.9	55

Note any changes to the system

Date 12-22-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/22	2342	53/75	377	355	5.3	24°	7.5	54.7	55
	0203	53/77	382	358	5.4	18°	7.5	53.7	55
	0424	53/77	383	359	5.4	16°	7.5	51.5	55
	0645	53/80	380	358	5.42	12°	7.5	52.7	55
	906	53/80	380	359	5.46	12°	7.5	52.3	55
	1127	53/78	380	361	5.41	16°	7.5	51.4	55
	1348	53/80	381	364	5.32	16°	7.5	51.9	55
	1609	53/82	379	362	5.41	16	7.5	52.7	55
	1830	53/80	385	362	5.45	14	7.5	54.2	55
	2051	53/80	385	363	5.48	13	7.5	53.1	55

Note any changes to the system

Date 12-23-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/23	2312	53/77	381	364	5.3	14°	7.5	51.3	55
	0133	53/75	383	362	5.5	14°	7.5	52.1	55
	0354	53/77	391	369	5.5	10°	7.5	53.9	55
	0615	53/78	382	362	5.45	14°	7.5	50.7	55
	0836	53/78	390	368	5.50	18°	7.5	55.02	55
	1057	53/75	400	375	5.36	21°	7.5	55.5	55
	1318	53/75	376	359	5.34	21°	7.5	55.02	55
	1539	53/78	390	373	5.40	20°	7.5	54.4	55
	1800	53/76	400	375	5.43	28°	7.5	53.8	55
	2021	53/78	379	365	5.37	24°	7.5	54.2	55

Note any changes to the system

Date 12-24-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/24	0242	53/82	306	367	5.8	24°	7.5	51.3	55
	0103	53/75	377	359	5.5	18°	7.5	52.6	55
	0824	53/75	383	364	5.4	16°	7.5	51.5	55
	0545	53/75	387	371	5.3	18°	7.5	55.02	55
	0806	53/75	390	373	5.29	25°	7.5	57.9	55
	1027	53/75	410	382	5.30	31°	7.5	55.2	55
	1248	53/75	406	387	5.30	36°	7.5	48.4	55
	1509	53/70	426	398	5.39	40°	7.5	52.6	55
	1730	53/72	423	395	5.54	40°	7.5	53.9	55
	1957	53/72	421	393	5.54	28°	7.5	53.2	55

Note any changes to the system

Date 12-25-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/25	2212	53/73	428	390	5.4	40°	7.5	52.11	55
	0033	53/73	406	388	5.4	40	7.5	51.5	55
	0254	53/74	408	386	5.3	38°	7.5	51.3	55
	0515	53/72	412	387	5.3	40°	7.5	51.8	55
	0736	53/74	408	389	5.2	40°	7.5	52.3	55
	0957	53/74	412	390	5.3	36°	7.5	53.4	55
	1218	53/70	412	395	5.27	39°	7.5	55.8	55
	1439	53/70	414	389	5.39	36°	7.5	54.6	55
	1700	53/72	416	389	5.40	32°	7.5	55.9	55
	1921	53/70	411	386	5.34	28°	7.5	53.7	55
	2142	53/70	409	388	5.31	26°	7.5	52.6	55

Note any changes to the system

Date 12-26-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/26	0003	53/74	416	390	5.4	24°	7.5	51.3	55
	0224	53/75	415	388	5.4	22°	7.5	50.5	55
	0445	53/75	402	382	5.3	20°	7.5	51.6	55
	0706	53/75	411	383	5.5	18°	7.5	52.3	55
	0927	53/75	409	390	5.3	18°	7.5	50.5	55
	1148	53/70	412	384	5.46	18°	7.5	51.6	55
	1409	53/72	406	384	5.35	25°	7.5	53.3	55
	1630	53/72	411	386	5.49	26°	7.5	52.7	55
	1851	53/74	405	383	5.34	24°	7.5	54.1	55
	2112	53/72	401	381	5.32	22°	7.5	52.8	55

Note any changes to the system

Date 12-27-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/27	2333	53/74	404	379	5.4	22°	7.5	53.9	55
	0154	53/75	406	379	5.5	22°	7.5	51.8	55
	0415	53/73	402	380	5.3	20°	7.5	52.1	55
	0636	53/70	404	378	5.43	20°	7.5	51.8	55
	858	53/70	400	372	5.50	28°	7.5	53.1	55
	1118	53/74	400	377	5.30	28°	7.5	53.8	55
	1339	53/70	397	378	5.33	30°	7.5	52.6	55
	1600	53/75	404	382	5.44	28	7.5	54.1	55
	1821	53/68	401	386	5.22	27	7.5	53.7	55
	2042	53/68	403	380	5.31	29	7.5	52.2	55

Note any changes to the system

Date 12-28-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/28	2303	53/74	410	381	5.4	28°	7.5	51.8	55
	0124	53/74	402	378	5.3	26°	7.5	52.4	55
	0345	53/74	410	384	5.4	24°	7.5	52.1	55
	0606	53/74	412	382	5.4	22°	7.5	51.8	55
	0827	53/72	408	384	5.40	22°	7.5	52.7	55
	1048	53/74	408	384	5.41	22°	7.5	59.4	55
	1309	53/72	404	381	5.40	24°	7.5	57.6	55
	1530	53/73	405	384	5.33	25	7.5	54.7	55
	1751	53/74	401	378	5.43	21	7.5	54.0	55
	2012	53/75	410	383	5.49	22	7.5	54.7	55

Note any changes to the system

Date 12·29·21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/29	2233	53/73	402	375	5.37	21°	7.5	57.67	55
	0054	53/73	407	379	5.37	23°	7.5	56.3	55
	0315	53/73	408	380	5.45	23°	7.5	56.8	55
	0536	53/74	404	382	5.29	23°	7.5	55.5	55
	757	53/74	393	374	5.34	25°	7.5	54.6	55
	1018	53/74	411	383	5.38	28°	7.5	60.0	55
	1239	53/74	410	381	5.44	30°	7.5	58.2	55
	1500	53/77	408	379	5.46	28	7.5	56.9	55
	1721	53/75	411	384	5.39	25	7.5	54.7	55
	1942	53/75	413	384	5.50	22	7.5	53.9	55

Note any changes to the system

Date 12-30-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12-30-21	2203	53/75	409	385	5.32	21	7.5	54.1	55
	0024	53/74	409	381	5.53	19°	7.5	55.5	55
	0245	53/74	406	380	5.45	20°	7.5	60.5	55
	0506	53/74	402	382	5.36	20°	7.5	56.6	55
	727	53/73	410	382	5.50	20°	7.4	55.9	55
	948	53/75	404	383	5.58	20°	7.4	56.3	55
	1209	53/74	414	383	5.49	22°	7.4	55.2	55
	1436	52/70	414	388	5.42	26	7.4	53.7	55
	1712	52/71	408	387	5.26	25	7.4	54.9	55
	1948	52/73	400	381	5.24	26	7.4	55.0	55

Note any changes to the system

Slowed 1335 Exhaust fan to 52 Hz.

Date 12-31-21

Firemen

Before every charge, record the following readings for #1 kiln.

Date	Time	Exhaust Amps	Cooler temp.	Baghouse temp.	Baghouse D.P.	Outside temp	Controller Speed rate	Lime lbs per hr act	Lime lbs Per hr.
12/31	2224	52/70	404	381	5.23	26°	7.4	58.7	55
	0100	52/70	402	379	5.31	27°	7.4	58.9	55
	0336	52/70	406	383	5.33	27°	7.3	59.7	55
	612	52/70	405	385	5.22	28°	7.0	56.0	55
	848	52/70	405	384	5.33	28°	7.0	55.5	55
	1124	52/70	405	382	5.31	30°	7.0	54.8	55
	1400	52/68	405	386	5.26	30°	7.0	54.9	55
	1636	52/75	406	386	5.51	33	7.0	53.7	55
	1912	52/77	408	387	5.91	29	7.0	54.2	55
	2148	52/75	404	384	5.60	27	7.0	53.9	55

Note any changes to the system

Cut lime to 7.0 = 55 lbs per hrs