

P1092
MANILA

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

P109268734

FACILITY: Penske Logistics		SRN / ID: P1092
LOCATION: 15520 Wayne Road, ROMULUS		DISTRICT: Detroit
CITY: ROMULUS		COUNTY: WAYNE
CONTACT: Nicole Sergey ,		ACTIVITY DATE: 08/16/2023
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Target Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : 8/16/2023

TIME OF INSPECTION : 10:45 am

INSPECTED BY : Jill Zimmerman

PERSONNEL PRESENT : Nicole Sergey, Health and Safety

FACILITY PHONE NUMBER : 586-719-5153

FACILITY BACKGROUND

Penske Logistics is a cold food storage warehouse facility with some office space. The facility operates three shifts per day seven days per week and is located at 15520 Wayne Road in Romulus, Michigan. The facility operates and maintains an anhydrous ammonia refrigeration system.

COMPLAINT/COMPLIANCE HISTORY

No complaints have been received regarding this facility. No Letters of Violation have been issued in at least the past two years.

PROCESS EQUIPMENT AND CONTROLS

The facility has two general permits for the anhydrous ammonia system that were issued on March 4, 2020.

The facility also has an emergency generator that runs on diesel fuel. This generator is 255 kW in size and the associated underground fuel storage tanks are 15,000 gallons and 7,000 gallons.

INSPECTION NARRATIVE

I arrived at the facility for my unannounced inspection where I was put in contact with the proper person to walk me through the facility. Together we walked through the warehouse section of the facility. We then observed the ammonia storage tanks used for the chilling system.

APPLICABLE RULES/PERMIT CONDITIONS

The facility currently is operating under two general permits for the anhydrous ammonia system, 24-20 and 9-20. Each permit is for one 18,000 gallon ammonia storage tank. These permits are identical and are evaluated below:

EU-AMMONIA

Emission Limits – NA

Material Limits – NA

Process/Operational Restrictions

1. Compliance – The facility is complying with the Department of Labor and Economic Growth General Industry Safety Standards, Part 78 for the storage and handling of anhydrous ammonia.
2. Compliance – The facility follows an acceptable maintenance and inspection program.
3. Compliance – The facility has an emergency response plan that is on file with the local fire department.
4. Compliance – The facility is located the appropriate distance from all residences, schools, apartment buildings, institutional occupancy, hospitals and nursing homes.
5. Compliance – All transfers and deliveries are performed by a reliable, properly trained person.
6. Compliance – All nurse and applicator tank storage are the appropriate distance from all public or private buildings.
7. NA – The nurse tank filling was not observed during the onsite inspection.
8. NA – The nurse and applicator tanks were not filled during the onsite inspection and the filled levels were not reviewed.
9. Compliance – The proper vapor return lines are used when necessary.
10. Compliance – Nitrogen stabilizer has not been added to the permanent stationary storage tanks or rail or truck transport tanks.

Design/Equipment Parameters

1. Compliance – Proper safety relief valves are installed.
2. Undetermined – A remotely operated internal or external positive shutoff valve was not discussed during the onsite inspection.

- 3. Undetermined – A transfer of ammonia was not observed during the onsite inspection.
- 4. Undetermined – A transfer of ammonia was not observed during the onsite inspection.
- 5. Compliance – The hoses observed during the onsite inspection appear to be in good working order.
- 6. NA – No vapor or liquid line required venting during the onsite inspection.
- 7. Compliance – A sign was located near the entrance of the facility with the contact information of all necessary personnel and emergency personnel.

Testing/Sampling – NA

Monitoring/Recordkeeping

- 1. Compliance – All malfunctions or spills are properly recorded and maintained onsite.
- 2. Compliance – The emergency response plan appears to be accurate at this time and is also on file with the local fire department.

Reporting

- 1. Compliance – In 2022 a contractor caused a release of ammonia which was reported to PEAS.

Stack / Vent Restrictions – NA

Other Requirements – NA No equipment has been replaced since these permits were issued.

The emergency generator is exempt from permitting by Rule 285 (2)(g) engine has a heat input of less than 10,000,000 Btu/hour.

The underground storage tanks are exempt from permitting by Rule 284 (2)(d).

MAERS REPORT REVIEW

This facility is not required to submit MAERS at this time.

FINAL COMPLIANCE DETERMINATION

Penske Logistics appears to be operating in compliance with the current permit conditions as well as all state and federal regulations.

NAME Jill G.

DATE 7/11/2024

SUPERVISOR JK