

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Scheduled Inspection

B196131081

FACILITY: Barber Steel Foundry Corporation		SRN / ID: B1961
LOCATION: 2625 Winston Rd., ROTHBURY		DISTRICT: Grand Rapids
CITY: ROTHBURY		COUNTY: OCEANA
CONTACT: Bruce Mulligan, Plant Manager		ACTIVITY DATE: 09/09/2015
STAFF: Eric Grinstern	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Unannounced inspection		
RESOLVED COMPLAINTS:		

Unannounced compliance inspection of Barber Steel Foundry.

At the facility EG met with Bruce Milligan, Plant Manager, and Don Hutchins, VP & General Manager.

**COMPLIANCE EVALUATION**

All permitted processes at the facility are covered under PTI No. 12-14. The facility is entered into a consent order with AQD regarding past compliance issues. The consent order is AQD No. 58-2014. The facility is subject to Subpart ZZZZZ as a new large source.

**EU-CHRGHANDLING**

No compliance concerns noted

**EU-FINISHING**

Facility records demonstrate compliance with metal throughput and PM emission limits.

No compliance concerns noted

**EU-SHOTBLAST**

Facility records demonstrate compliance with the pressure drop, VE and metal throughput requirements as well as the emission limits.

No compliance concerns noted

**EU-SHAKEOUT**

Facility records demonstrate compliance with the pressure drop, VE and metal throughput requirements as well as the emission limits.

No compliance concerns noted

**FG-MELTING**

Facility records demonstrate compliance with the metal throughput requirements as well as the VE and emission limits.

As noted below there are two periods of time that the data from the bag leak detection system is not available.

**FG-POURCOOL**

Facility records demonstrate compliance with the sand, resin, and natural gas limits as well as the emission limits.

No compliance concerns noted

**FG-SANDHANDLING**

Facility records demonstrate compliance with the sand limits as well as the monitoring and emission limits.

No compliance concerns noted

**FG-MOLDSILOS**

Facility records demonstrate compliance with the VE monitoring requirements as well as the emission limits.

No compliance concerns noted

**FG-CORESILOS**

Facility records demonstrate compliance with the VE monitoring requirements as well as the emission limits.

No compliance concerns noted

**FG-NATGASUNITS**

Facility records demonstrate compliance with the usage limits as well as the emission limits.

No compliance concerns noted

**FG-PAINTING**

Facility records demonstrate compliance with the usage limits as well as the emission limits.

No compliance concerns noted

**FG-FACILITY**

Facility records demonstrate compliance with the usage limits as well as the emission limits.

No compliance concerns noted

### FGMACTZZZZZ

The facility has supplied documentation regarding the completion of testing associated with the melting furnace as well as fugitive opacity.

As required by Subpart ZZZZZ, the facility is required to install and operate a bag leak detection system for the baghouse. Mr. Milligan stated that are unable to access the data output from the bag leak system from April 15, 2015 through June 13, 2015, when they had a fire associated with the induction furnace. They are also unable to access the data output from the bag leak system for a couple of weeks after the furnace was brought back online on July 21, 2015.

### Conclusion

Based on the information and observations made during this inspection, the facility is in compliance with applicable air quality rules and regulations with the exception of the following.

Failure to meet the following requirement:

The bag leak detection system sensor must provide output of relative particulate matter loadings and the owner or operator shall continuously record the output from the bag leak detection system using a strip chart recorder, data logger, or other means. Subpart ZZZZZ, 63.10897(d)(1)(ii)

A violation notice will be issued for the above described violation.

NAME 

DATE 9/29/15

SUPERVISOR 

