

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

N376037964

FACILITY: GREAT LAKES GAS TRANSMISSION STATION #8		SRN / ID: N3760
LOCATION: 151 OSS RD, CRYSTAL FALLS		DISTRICT: Upper Peninsula
CITY: CRYSTAL FALLS		COUNTY: IRON
CONTACT: ANITA RANDJEKOVIC , MECHANICAL TECHNICIAN		ACTIVITY DATE: 12/02/2016
STAFF: Joel Asher	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: MI-ROP-N3760-2016		
RESOLVED COMPLAINTS:		

On 12/2/16 I conducted an unannounced inspection of this facility. My contact was Ms. Anita Randjelovic, Mechanical Technician. The facility has been issued a new ROP this year (MI-ROP-N3760-2016) on 6/2/2016. The facility has not made any changes to equipment or operational processes since the last ROP. RICE MACT conditions were added to include equipment that was previously at the facility. The equipment of interest regarding air quality regulations includes 3 gas turbines, a cold cleaner, and an emergency generator.

Discussion were held with Ms. Randjelovic regarding the ROP. A review of the expiration date (6/2/2019) and renewal application period (12/2/2019 to 12/2/2020) were discussed. Ms. Randjelovic stated the ROP application is not handled by her but she was aware of the need for renewal. The ROP was reviewed and facility records were reviewed to determine compliance with the ROP.

EU-UNIT801

This emission unit is a Rolls Royce Avon Model 101G Stationary Gas Turbine installed in 1971 that is still used.

Records of operational status were reviewed. Random dates of 1/13/16, 4/6/16, 7/31/16, and 10/2/16, were selected and records reviewed to determine consistent records retention. Information was available for each date.

Monthly records of natural gas consumption were also reviewed for September, October, and November of 2016.

SC II.1 requires the unit to only burn pipeline quality natural gas. This is the only fuel the unit is capable of burning.

EU-UNIT802

This emission unit is a General Electric Model LM1600 Stationary Gas Turbine installed in 1994 that is still used.

Records of operational status were reviewed. Random dates of 1/13/16, 4/6/16, 7/31/16, and 10/2/16, were selected and records reviewed to determine consistent records retention. Information was available for each date.

Monthly records of natural gas consumption were also reviewed for September, October, and November of 2016.

SC II.1 requires the unit to only burn pipeline quality natural gas. This is the only fuel the unit is capable of burning.

SC V.1 requires testing of the unit once per the 5 year term of the permit. This has not yet been conducted as the ROP is only 6 months into its 5 year term. At the next inspection this should be reviewed.

EU-UNIT803

This emission unit is a General Electric Model MS3000 Stationary Gas Turbine installed in 1975. The description of this unit is inaccurate in the ROP. The description in Section C in the Emission Unit Summary Table is accurate, however it is erroneous under the description listed in EU-UNIT803 Emission Conditions. An Administrative Amendment will need to be submitted by the facility to make the correction. Records of operational status were reviewed.

Random dates of 1/13/16, 4/6/16, 7/31/16, and 10/2/16, were selected and records reviewed to determine consistent records retention. Information was available for each date.

Monthly records of natural gas consumption were also reviewed for September, October, and November of 2016.

SC II.1 requires the unit to only burn pipeline quality natural gas. This is the only fuel the unit is capable of burning.

EU-COLDCLEANER

This emission unit is a cold parts cleaner used in the shop. This unit utilizes an aqueous based solvent and has done so for at least 10 years. All waste material is picked up and serviced by Safety-Kleen.

SC VI.1 requires the facility to maintain a current copy of the MSDS sheet for the solvent used. This is done.

SC VI.2 requires the facility to maintain a written copy of the operational procedures near the unit. This is done.

EU-APU

This emission unit is a natural gas-fired 962 hp four stroke rich burn generator. This unit is subject to the ZZZZ RICE MACT regulations and is a recent addition to the ROP.

SC III.1 Records are kept of all maintenance. Ms. Randjelovic produced copies of records showing the oil changes conducted on the unit.

SC III.3 limits the facility to a maximum of 100 hours of use per calendar year for maintenance checks and readiness testing. These maintenance tests are done every 2 months. A log sheet near the unit records all usage.

SC IV.1 requires the facility to maintain a non-resettable hour meter on the unit. This was observed and the log of hours operated corresponds with the reading on the meter.

The facility appears to be operating in compliance with MI-ROP-N3760-2016 and the air pollution control rules. They will be notified of the need to submit an Administrative Amendment for the correction to EU-UNIT803.

NAME 

DATE 12/19/16

SUPERVISOR 

