

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> DTE Gas Company BELLE RIVER COMPRESSOR STATION	<b>SRN :</b> B6478
<b>Location :</b> 5440 PUTTYGUT RD.	<b>District :</b> Southeast Michigan
	<b>County :</b> SAINT CLAIR
<b>City :</b> CHINA TWP <b>State:</b> MI <b>Zip Code :</b> 48054	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Robert Elmouchi
<b>FCE Begin Date :</b> 4/1/2015	<b>FCE Completion Date :</b> 4/18/2016
<b>Comments :</b> Permittee appears to be in compliance with permit evaluated conditions and reported deviations have been scheduled to be corrected in a timely manner.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
04/18/2016	MAERS	Compliance	MAERS Report Submission
04/18/2016	ROP Other	Compliance	MAERS ROP Certification form.
04/05/2016	Release Reports	Compliance	Notified AQD of a planned natural gas venting event which occurred at the DTE Gas Company Belle River Mills Compressor Station (MI-ROP-6478-2016) on Tuesday, April 5, 2016 at 4:00PM. The venting was completed as part of a planned station outage during the month of April. It is estimated that 4.0 MMSCF of natural gas was vented to the atmosphere. This venting was conducted in accordance with a written gas procedure to ensure the safety of employees and the public and minimize impacts to the environment. April 6, 2016, UPDATE: DTE's engineering calculations show that the amount of natural gas vented was approximately 6.0 MMSCF rather than the 4.0 MMSCF reported yesterday. Please feel free to contact me if you have any additional questions or concerns.

Activity Date	Activity Type	Compliance Status	Comments
03/22/2016	ROP Annual Cert	Compliance	<p>EUDEHY: Thermocouple was replaced in September 2014 but annual calibration was not performed in 2015. DTE work task has been modified to ensure annual verification is performed. There is no indication that delay in calibration caused an emission exceedance.</p> <p>EUREGEN: EUREGEN is an emission unit within the refrigeration plant. "The refrigeration plant has not officially ran to date." Nevertheless, the permit requires annual thermocouple calibration. Work task put in place to ensure annual verification.</p> <p>FGRULE818ENGINES: VOC testing requirement accidently dropped from 2010 ROP renewal. Therefore, permittee was not aware of VOC testing requirement and AQD did not request VOC testing in test plan approval. Previous VOC emission indicated compliance with VOC emission limit. Permittee will resume VOC emission testing in calendar year 2016.</p>

Activity Date	Activity Type	Compliance Status	Comments
03/22/2016	ROP SEMI 2 CERT	Compliance	<p>EUDEHY: Thermocouple was replaced in September 2014 but annual calibration was not performed in 2015. DTE work task has been modified to ensure annual verification is performed. There is no indication that delay in calibration caused an emission exceedance.</p> <p>EUREGEN: EUREGEN is an emission unit within the refrigeration plant. "The refrigeration plant has not officially ran to date." Nevertheless, the permit requires annual thermocouple calibration. Work task put in place to ensure annual verification.</p> <p>FGRULE818ENGINES: VOC testing requirement accidently dropped from 2010 ROP renewal. Therefore, permittee was not aware of VOC testing requirement and AQD did not request VOC testing in test plan approval. Previous VOC emission indicated compliance with VOC emission limit. Permittee will resume VOC emission testing in calendar year 2016.</p>
02/19/2016	Scheduled Inspection	Compliance	Scheduled inspection.
02/04/2016	MACT (Part 63)	Compliance	<p>Notification of Compliance Status Report 40CFR63 Subpart DDDDD. Notice of compliance status per 40 CFR 63.7545(e)(1). Affected units are EUREFRIGPLTBLR, EUZBLDGBLR, EUAUXBLDBLR, EUPLT3BLR, EUPLT1BLR and EUTECHBLDGBLR. Emission units comply with tune-up requirement and energy assessment. EUNUGHTR, EUHMOHTR, EUBATHHTR not currently operated. Tune-up must be conducted within 30 day of startup per 63.7540(a)(13).</p>
01/14/2016	ROP Tech Review Notes	Compliance	ROP Technical Review Notes
12/14/2015	MACT (Part 63)	Compliance	Revised Initial Notification 40CFR63 Subpart DDDDD.

Activity Date	Activity Type	Compliance Status	Comments
11/18/2015	Stack Test	Compliance	Test Report for NOx and CO Emissions testing on Z330 Engine 4 (EU017). Average NOx and CO exhaust concentrations were below permit and 40 CFR Part 40 Subpart JJJJ limits. NOTE: Testing on Z330 Engine 5 (EU018) is pending.
10/12/2015	Telephone Notes	Compliance	Facility mailing address.
09/29/2015	ROP Semi 1 Cert	Compliance	Zero deviations reported.
08/31/2015	Stack Test	Compliance	Emissions Testing Report for Belle River Mills Turbine. NOx emission concentration was below permit limit at all test loads.
05/14/2015	MAERS	Compliance	MAERS Report
05/14/2015	ROP Other	Compliance	MAERS ROP Certification
05/12/2015	NSPS (Part 60)	Compliance	Notification that the permittee will change frequency of monitoring the Refrigeration Plant valve leak detection and repair from monthly and quarterly to annual testing per §60.483-2(b)(3) beginning in the third quarter of 2015.
04/21/2015	Release Reports	Compliance	Unplanned emergency release of natural gas at Belle River Compressor Station about 6:45 a.m. An estimated 1.7 MMSCF was vented to the atmosphere due to an emergency shutdown.

Name: *Michael J. Smith*

Date: 4/18/16

Supervisor: CJE