

## DEPARTMENT OF ENVIRONMENTAL QUALITY

## AIR QUALITY DIVISION

## FCE Summary Report

<b>Facility :</b> DTE Gas Company - Willow Run Compressor Station		<b>SRN :</b> N7421
<b>Location :</b> 3020 East Michigan Avenue		<b>District :</b> Jackson
		<b>County :</b> WASHTENAW
<b>City :</b> YPSILANTI	<b>State:</b> MI	<b>Zip Code :</b> 48198
<b>Compliance Status :</b>		Compliance
<b>Source Class :</b> MAJOR		<b>Staff :</b> Mike Kovalchick
<b>FCE Begin Date :</b> 10/1/2022		<b>FCE Completion Date :</b> 8/14/2024
<b>Comments :</b> FCE of a natural gas compressor station. Latest compliance inspection included a leak check using handheld methane detectors		

## List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/07/2024	On-site Inspection	Compliance	Inspection of a natural gas compressor station. The inspection included use of methane detectors to check for leaks.
07/31/2024	NSPS (Part 60)	Compliance	ROP Emissions Test Report, EUTURBINE1 NOx Emissions Testing. Testing was conducted while the turbine was operating in accordance with conditions in the ROP and 40 CFR Part 60
07/31/2024	NSPS (Part 60)	Compliance	ROP emissions test report, EUENGINE1 CO/DE Emissions Testing. Testing was conducted while the engine was operating in accordance with conditions in the ROP and 40 CFR Part 60 Subpart JJJJ
07/31/2024	MACT (Part 63)	Compliance	40 CFR Part 63, Subpart YYYY - No deviations during this period. Three natural gas-fired combustion turbines 10,504 horsepower per unit; Solar Taurus 70
07/31/2024	MACT (Part 63)	Compliance	Emissions testing of EUTURBINE1 pursuant to ROP and part 63 requirements.
07/31/2024	ROP Annual Cert	Compliance	ALL terms and conditions contained in the ROP each term and condition of which was in compliance

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07/31/2024	ROP SEMI 2 CERT	Compliance	ALL terms and conditions contained in the ROP each term and condition of which was in compliance
07/31/2024	ROP SEMI 2 CERT	Compliance	o deviations from the emission limitations or operating limitations associated with 40 CFR subpart ZZZZ requirements
07/31/2024	Annual Emissions Report (or MAERS)	Compliance	MAERS report submitted and received by the MAERS System. Wet signature and supplemental control information received 3/16/23
07/31/2024	MACT (Part 63)	Compliance	Stack Test to be performed on 4/25/2023, : EUTURBINE1 - Advance notification. 2. What pollutants are you testing: Formaldehyde;EPAMethod320/AS TMD6348 If VOC/oHAP Speciated; EPA Method 320/ASTM D6348: Other:
07/31/2024	MACT (Part 63)	Compliance	Emission Test Report, EUGNGINE1, CO-DE
07/31/2024	ROP Other	Compliance	Emissions testing of EUTURBINE1 pursuant to ROP and part 63, subpart YYYY requirements
07/31/2024	ROP Semi 1 Cert	Compliance	During the entire reporting period, ALL monitoring and associated recordkeeping requirements in the ROP were met and no deviations occurred
07/31/2024	ROP SEMI 2 CERT	Compliance	40 CFR Part 63, Subpart YYYY Semi-Annual Compliance Report
07/31/2024	Annual Emissions Report (or MAERS)	Compliance	MAERS received
07/31/2024	ROP Annual Cert	Compliance	During the entire reporting period, this source was in compliance with ALL terms
07/31/2024	CAM Excursions/Exceedances	Compliance	Emissions testing of EUTURBINE1, pursuant to ROP and Part 60 Subpart KKKK requirements. Nox testing was conducted in accordance with the approved test plan and ROP federal requirements
07/31/2024	ROP Other	Compliance	Emissions testing of EUTURBINE1, pursuant to ROP and Part 63 Subpart YYYY requirements
07/31/2024	Excess Emissions (CEM)	Compliance	ROP Emission Test Report EUENGINE 1 CO-DE and EUENGINE1 CO, NOx, THC

Activity Date	Activity Type	Compliance Status	Comments
10/03/2022	ROP Semi 1 Cert		A thermocouple failed for 4 months due to lightning strike. It measured catalyst temperature. The catalyst is used to control CO on EURICE3. Compliance for all other applicable requirements.

Name: Mike Koralchick

Date: 08/19/2024

Supervisor: 