



Timothy M. Keller, Mayor

**ALBUQUERQUE/BERNALILLO COUNTY
AIR QUALITY CONTROL BOARD
TITLE V OPERATING PERMIT #0536-RN2
FACILITY CDS #NM/001/00141
Facility ID: FA0002997; Record ID: PR0001254**



Paul J. Rogers, Director

Issued to: The Regents of the University of New Mexico
Scholes Hall 160, Bldg. 10
1800 Roma Ave. NE
Albuquerque, NM 87131-0001

Certified Mail 7017 0530 0001 1410 0547
Return Receipt Requested

Facility: The University of New Mexico – Main Campus

The Albuquerque Environmental Health Department (Department) and the Albuquerque/Bernalillo County Air Quality Control Board (Board); pursuant to the Federal Clean Air Act (CAA, also known herein as the Federal Act); the New Mexico Air Quality Control Act, NMSA 1978, as amended 74-2-4, 74-2-5.C; the Joint Air Quality Control Board Ordinance, Revised Ordinances of Albuquerque 1994, 9-5-1-4; the Joint Air Quality Control Board Ordinance, Bernalillo County Ordinance 94-5; A/BCAQCB Regulation Title 20, New Mexico Administrative Code (NMAC), Chapter 11 (20.11 NMAC), Part 41 (20.11.41 NMAC), Construction Permits; Part 42 (20.11.42 NMAC), Operating Permits; hereby issue Operating Permit 0536-RN2 to The Regents of the University of New Mexico (Permittee) and is hereby authorized to operate the following processes at:

Facility/Location	Process Description	SIC	NAICS
University of New Mexico – Main Campus Albuquerque, NM 87131-0001 (Facility) UTM: 352,000m E 3,883,550m N 13s	Colleges, Universities, and Professional Schools	8221	611310

This Operating Permit has been issued based on the review of the application received by the Albuquerque Environmental Health Department, Air Quality Program (Department) May 11, 2022 which was deemed administratively complete on August 30, 2022 with supplemental information received on September 25, 2023, October 20, 2023, January 19, 2024, February 1, 2024, and on the National Ambient Air Quality Standards (NAAQS), New Mexico Ambient Air Quality Standards (NMAAQs), and Air Quality Control Regulations for Albuquerque/Bernalillo County, as amended. This permit places enforceable limitations and standards on processes at the Facility. The term of this permit is five (5) years. This permit will expire on XXX 2029 which is five years from the date of issuance, pursuant to 20.11.42.12.(C) NMAC. Application for renewal of this permit is due by XXXX 2028 which is twelve (12) months prior to the date of expiration, pursuant to 20.11.42.12.A.(2).(a).(ii) NMAC. This Title V Operating Permit 0536-RN2 supersedes the Title V Operating Permit 0536-RN1 issued on May 14, 2018.

Pursuant to the New Mexico Air Quality Control Act, NMSA 1978, as amended, all terms and conditions in this permit are enforceable by the Department, including any provisions designed to limit this Facility’s emissions. Furthermore, pursuant to 20.11.42.12.C.(1)(e) NMAC, all terms and conditions are enforceable under the Federal Act by the Administrator of the United States Environmental Protection Agency (EPA) and citizens, unless the term or condition is specifically designated in this permit as not being enforceable under the Federal Act.

Issued on the ____ day of _____, 2024

Michael McKinstry, Environmental Health Permitting Supervisor
Air Quality Program
Environmental Health Department
City of Albuquerque

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Definition of Abbreviations and Acronyms

<u>Abbreviation/Acronym</u>	<u>Definition</u>
Administrator --	The Administrator of the United States Environmental Protection Agency
APCE--	Air Pollution Control Equipment
CAA - -	The Federal Clean Air Act
CEMS- -	Continuous Emissions Monitoring System
CH ₄ - -	methane
CO- -	Carbon monoxide
CO ₂ - -	Carbon dioxide
EPA - -	United States Environmental Protection Agency
Facility - -	The University of New Mexico, Main Campus
Federal Act - -	The Federal Clean Air Act
GDF- -	Gasoline Dispensing Facility
GHG - -	Greenhouse gas
HAP - -	Hazardous Air Pollutant
hp - -	Horsepower
kW - -	Kilowatt
lb/hr - -	Pound per Hour
NAICS - -	North American Industrial Classification System
NESHAP - -	National Emission Standards for Hazardous Air Pollutants
NG- -	Natural Gas
NSPS - -	New Source Performance Standard
NO _x --	Nitrogen Oxides
Permittee--	The Regents of the University of New Mexico
PM ₁₀ - -	Particulate Matter, 10 microns or less
PM _{2.5} - -	Particulate Matter, 2.5 microns or less
ppm - -	Parts per million
PTE - -	Potential to emit
REG - -	Source Registration a/k/a Certificate of Registration
RICE- -	Reciprocating Internal Combustion Engine
SI ICE--	Spark Ignition Internal Combustion Engine
SIC - -	Standard Industrial Classification
SO ₂ - -	Sulfur Dioxide
TPY - -	Tons per year
μg/m ³ - -	Micrograms per cubic meter
VOC--	Volatile organic compounds

1.0 INTRODUCTION

The Permittee is state chartered research university. The University of New Mexico Main Campus (Facility) consists of steam boilers, various heating equipment, combined cycle natural gas turbines, a crematorium, emergency generators, above ground storage tank, chemical usage and unpaved parking lots.

Pursuant to 20.11.42.12.C.(1).(a) NMAC, the Department specifies, with this permit, terms and conditions upon the operation of this Facility to assure compliance with all applicable requirements, as defined in 20.11.42 NMAC at the time this permit is issued or as specified in the schedule of compliance contained herein.

1.1 Permit Shield

Pursuant to 20.11.42.12.C.(9) NMAC, compliance with the conditions of this permit shall be deemed to be compliance with any applicable requirements existing as of the date of permit issuance and identified in Table 1. The requirements in Table 1 are applicable to this Facility with specific requirements identified for individual emission units. The Department has determined that the requirements in Table 2 as identified in the permit application are not applicable to this source.

This permit shield does not extend to administrative amendments, to minor permit modifications, to changes made under section 502(b)(10) of the Federal Act, or to permit terms for which notice has been given to reopen or revoke all or part.

1.2 Applicable Requirements

Table 1: APPLICABLE REQUIREMENTS FOR THIS FACILITY¹

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
20.11.2 NMAC – Permit Fees (Locally Enforceable)		X			

¹ The Permittee is responsible for all applicable requirements (Federal and A/BCAQCB), including ones that may not be listed in Table 1, which the Facility is subject.

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
<p>20.11.5 NMAC - Visible Air Contaminants</p> <p>This regulation limits visible emissions from stationary sources</p>	X	X	<p>083-EG-1, 21-EG-1, , 053-EG-1, 057-EG-1, 058-EG-1, 060-EG-1, 072-EG-1, 153-EG-1, 116-EG-1A, 260-EG-2, 205-EG-1, 253-EG-1A, 195-EG-1, 112-EG-1, 227-EG-1, 266-EG-1, 034-EG-1, 059-EG-1, 048-EG-1, 259-H-8, 194-EG-1, 249-EG-1, 024-EG-1, 234-EG-1A, 228-EG-1, 122-EG-1, 046-EG-1, 248-EG-1, 085-EG-1, 211-EG-2, 301-EG-1, 338-EG-1, 341-EG-1, 311A-EB-1, 311B-EB-1, 200-EG-1, 204-EG-1, 211-EG-3, 288-EG-1, 289-EG-1, 291-EG2, 302-EG-1A, 191-EG-1A, and 253-EG-2.</p>	<p>116-BLR-1A, 116-BLR-2A, 176-BLR-1, 176-BLR-2, 176-BLR-3, 338-BLR-1, 116-TRB-1, 116-TRB-2</p>	<p>262-CRM-1</p>
<p>20.11.8 NMAC - Ambient Air Quality Standards</p> <p>This regulation adopts the Federal and State ambient air quality standards.</p>	X	X			
<p>20.11.20 NMAC - Fugitive Dust Control</p> <p>This regulation requires the use of reasonable precautions to prevent particulate matter that is generated from becoming airborne, requires permits for disturbances exceeding ¾ acre, and requires controls on dirt roads.</p> <p>20.11.20.22 NMAC- Demolition and Renovation Activities; Fugitive Dust Control Construction Permit and Asbestos Notification requirements.</p>	X	X			<p>151-DL-4, 204-DL-2, 260-DL-1, 233-DL-1, 250-DL-1, 273-DL-1, 276-DL-1, and 276-DL-2.</p>

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
20.11.40 NMAC - Source Registration This regulation addresses registration of a stationary air pollution sources.	X		211-EG-3, 048-EG-1, 259-H-8, 194-EG-1, 249-EG-1, 024-EG-1, 234-EG-1A, 228-EG-1, 122-EG-1, 046-EG-1, 248-EG-1, 211-EG-2, 341-EG-1, 311A-EB-1, and 311B-EB-1.		
20.11.41 NMAC -Construction Permits This regulation addresses pre-construction permitting of stationary air pollution sources	X		216-AST-1A, 083-EG-1, 021-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 060-EG-1, 072-EG-1, 153-EG-1, 085-EG-1, 116-EG-1A, 260-EG-2, 205-EG-1, 253-EG-1A, 195-EG-1, 112-EG-1, 227-EG-1, 266-EG-1, 034-EG-1, 059-EG-1, 301-EG-1, 338-EG-1, 200-EG-1, 288-EG-1, 289-EG-1, 302-EG-1A, 191-EG-1A, 204-EG-1, 291-EG-2, and 253-EG-2.	116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A, 176-BLR-1, 176-BLR-2, 176-BLR-3, 338-BLR-1	262-CRM-1

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
20.11.42 NMAC - Operating Permits This regulation addresses permitting of Title V major sources	X	X	083-EG-1, 021-EG-1, 053-EG-1, 057-EG-1, 060-EG-1, 072-EG-1, 153-EG-1, 116-EG-1A, 260-EG-2, 205-EG-1, 253-EG-1A, 195-EG-1, 112-EG-1, 227-EG-1, 266-EG-1, 034-EG-1, , 059-EG-1, 048-EG-1, , 194-EG-1, 249-EG-1, 024-EG-1, 234-EG-1A, 228-EG-1, 122-EG-1, 046-EG-1, 248-EG-1, 085-EG-1, 058-EG-1, 211-EG-2, 053-EG-1, 072-EG-1, , 301-EG-1, 338-EG-1, 341-EG-1, 311A-EB-1, 311B-EB-1, 200-EG-1, 211-EG-3, 288-EG-1, 289-EG-1, 302-EG-1A, 191-EG-1A, 204-EG-1, 291-EG-2, and 253-EG-2.	116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A, 176-BLR-1, 176-BLR-2, 176-BLR-3, 338-BLR-1	216-AST-1A, 262-CRM-1, 151-DL-4, 204-DL-2, 260-DL-1, 250-DL-1, 273-DL-1, 276-DL-1, 276-DL-2 259-H-8
20.11.43.6 NMAC - This regulation pertains to stack heights as used to evaluate air quality impacts. The stack heights for emission sources at the Facility were used for Air Dispersion Modeling and are considered to be good engineering practices.	X			116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A; 176-BLR-1, 176-BLR-2, 176-BLR-3	
20.11.47 NMAC – Annual Emissions Inventory. This regulation requires sources to provide an emissions inventory to the Program on an annual basis – Only Locally Enforceable		X			

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
20.11.49 NMAC - Excess Emissions – Only Locally Enforceable - This regulation is applicable to any source whose operation results in an emission of a regulated air pollutant, including fugitive emissions, in excess of the quality, rate, opacity or concentration specified by an air quality regulation or permit condition. Excess Emissions during Startup, Shutdown, Malfunction and Emergency in accordance with 20.11.49.16 NMAC.		X			
20.11.63 NMAC - New Source Performance Standards for Stationary Sources This regulation is applicable to the national performance standards for stationary sources and incorporates the Federal NSPS regulations	X		053-EG-1, 057-EG-1, 058-EG-1, 059-EG-1, 072-EG-1, 085-EG-1, 112-EG-1, 195-EG-1, 253-EG-1A, 200-EG-1, 204-EG-1, 288-EG-1, 289-EG-1, 291-EG-2, 302-EG-1A, 191-EG-1A, and 253-EG-2.	116-BLR-1A, 116-BLR-2A, 116-TRB-1, and 116-TRB-2, 176-BLR-1, 176-BLR-2, 176-BLR-3	
20.11.64 NMAC Emission Standards for Hazardous Air Pollutants for Stationary Sources- Applicable to all stationary sources of air pollutants located within Bernalillo county, which are subject to any requirements of 40 CFR Part 61 or Part 63, as amended in the <i>Federal Register</i> through January 23, 2017. 20.11.64.13 NMAC – The Facility is not subject to a Maximum Achievable Control Technology (MACT) standard because it is neither a listed source nor a major source for HAPs.	X		Engines manufactured <2006: 21-EG-1, 24-EG-1, 48-EG-1, 83-EG-1, 60-EG-1, 116-EG-1A, 153-EG-1, 194-EG-1, 205-EG-1, 211-EG-2, 228-EG-1, 249-EG-1, 266-EG-1, 301-EG-1, 338-EG1, 341-EG1 shall operate as an emergency engine in accordance with 40 CFR 63.6640(f), Subpart ZZZZ		

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
20.11.65 NMAC - Volatile Organic Compounds: This regulation is applicable to sources of hydrocarbon vapors from facilities and sources not otherwise regulated or exempted by 40 CFR 60; including volatile organic compounds and petroleum liquids	X				216-AST-1A
20.11.68 NMAC - Incinerators and Crematories: This regulation has an established standard for crematories.	X				262-CRM-1
20.11.90 NMAC – Source Surveillance, Administration and Enforcement: This regulation applies to source surveillance, performance tests and administration and enforcement regulations	X	X			
Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units (NSPS) Code of Federal Regulations (CFR), Title 40, Part 60, Subpart Dc (40 CFR 60. Subpart Dc): This regulation is applicable to boilers at the Facility. These boilers were constructed after June 9, 1989 and have a design capacity of between 10 MMBtu/hr and 100 MMBtu/hr	X			116-BLR-1A, 116-BLR-2A, 176-BLR-1, 176-BLR-2, and 176-BLR-3.	
NSPS for Stationary Gas Turbines, 40 CFR 60, Subpart GG: This regulation is applicable to one turbine at the Facility. These units were constructed after October 3, 1977 and have a heat input greater than 10 MMBtu/hr	X			116-TRB-1	

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
NSPS, 40 CFR 60, Subpart KKKK: This regulation is applicable to one turbine at UNM. This unit was constructed after February 18, 2005 and has heat input at peak load equal to or greater than 10.7 gigajoules (10 MMBtu) per hour, based on the higher heating value of the fuel.	X			116-TRB-2	
NSPS for Stationary Compression Ignition Internal Combustion Engines CI ICE, 40 CFR 60, Subpart III, (NSPS): This regulation is applicable to diesel engines that were ordered after July 11, 2005 and were manufactured after April 1, 2006 and are not fire pump engines. They are EPA certified, Tier 2 or 3 engines.	X		034-EG-1, 046-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 059-EG-1, 072-EG-1, 085-EG-1, 112-EG-1, 122-EG-1, 195-EG-1, 200-EG-1, 204-EG-1, 227-EG-1, 234-EG-1, 248-EG-1, 253-EG-1A, 260-EG-2, 288-EG-1, 289-EG-1, 291-EG-2, and 302-EG-1A.		
NSPS for Stationary Spark Ignition Internal Combustion Engines (NSPS), 40 CFR 60, Subpart JJJJ –This regulation is applicable to spark ignition internal combustion engines (SI ICE) that commence construction after June 12, 2006; where the SI ICE was manufactured on or after January 1, 2009 for emergency engines with a maximum engine power greater than 19KW (25 HP).	X		191-EG-1A and 253-EG-2.		
Federal National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 61, Subpart M for Asbestos	X	X			

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
<p>NESHAP, 40 CFR 63, Subpart CCCCCC- Category: Gasoline Dispensing Facilities:</p> <p>This Regulation is applicable to Gasoline Dispensing Facilities (GDF). A GDF means any stationary facility which dispenses gasoline into the fuel tank of a motor vehicle, motor vehicle engine, nonroad vehicle, or nonroad engine, including a nonroad vehicle or nonroad engine used solely for competition. Based on the requested annual throughput for gasoline, this facility's monthly throughput would amount to equal to or greater than 10,000 but less than 100,000 gallons of gasoline.</p>	X				216-AST-1A
<p>NESHAP, 40 CFR 63, Subpart JJJJJ for Institutional Boiler-When liquid fuel (#2 fuel oil) is burned for longer periods other than during periods of gas curtailment, gas supply interruption, startups, or for periodic testing, maintenance, or operator training on liquid fuel. Periodic testing, maintenance, or operator training on liquid fuel shall not exceed a combined total of 48 hours during any calendar year.²</p>	X			116-BLR-1A, 116-BLR-2A	

² Refer to Section 3.2.H of this permit for #2 fuel oil gallons/year limit.

Applicable Requirements	Federally Enforceable	Entire Facility	Emission Unit #s		
			Emergency Generator (Engines)	Boilers/Turbines	Other
NESHAP, Stationary Reciprocating Internal Combustion Engines (RICE). 40 CFR 63, Subpart ZZZZ – Existing institutional emergency stationary RICE, manufactured before 2006, located at an area source of HAP emissions are not subject to this subpart pursuant to §63.6585(f)(3), and shall only operate as an emergency engine in accordance with §63.6640(f)(1)-(4). The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity pursuant to 63.6640(f)(4)(i) & (ii).	X		21-EG-1, 24-EG-1, 48-EG-1, 83-EG-1, 60-EG-1, 116-EG-1A, 153-EG-1, 194-EG-1, 205-EG-1, 228-EG-1, 249-EG-1, 266-EG-1, 301-EG-1, 338-EG1, 341-EG1,		
40 CFR 98 - Mandatory Greenhouse Gas (GHG) Reporting annually to the Administrator (EPA): Subpart A- General Provisions and Subpart C – General Stationary Fuel Combustion Sources. This regulation establishes mandatory greenhouse gas reporting requirements and the Facility has the aggregate maximum rated heat input capacity of the stationary combustion units at the Facility is 30 MMBtu/hr or greater and emits 25,000 metric tons CO ₂ e (Carbon Dioxide equivalent) or more per year in combined emissions from all stationary fuel combustion sources, §98.2(a)(3).	X			116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A, 262-CRM-1, 259-H-8, 176-BLR-1, 176-BLR-2, 176-BLR-3, and 338-BLR-1.	

1.3 Non-Applicable Requirements - The Department has determined that the following requirements identified in the Permit Application are not Applicable Requirements for the Facility.

Table 2. Non-Applicable Requirements

Requirements	Not Applicable For This Facility*	No Requirements**
20.11.60 NMAC Permitting in Non-Attainment Areas The Facility is not located in a nonattainment area	X	X
20.11.61 NMAC Prevention of Significant Deterioration – The Facility is not a stationary source listed in Table 1 of 20.11.61.26 NMAC which emits 100 tpy or more of any regulated criteria pollutant, or if not a listed source, the Facility does not emit, or has the potential to emit 250 tons per year or more of any regulated criteria pollutant.	X	X
20.11.67 NMAC Equipment, Emissions, Limitations 20.11.67.2A NMAC - This regulation limits emission from coal, oil, gas burning equipment. There is no coal burning equipment at the Facility. Most oil and gas burning equipment at the facility predates the effective date of this regulation and the heat rate of existing oil or gas burning do not meet the applicability requirements of this regulation.	X	X
40 CFR 61 Subpart I – National Emission Standards for Radionuclide Emissions From Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered By Subpart H 40 CFR § 61.100– This subpart establishes standards for radionuclides from non-DOE facilities. The Facility is licensed by the NRC, therefore, this NSPS does not apply.	X	X
40 CFR 63, Subpart YYYY National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines: Facility is an area HAP source and not a major HAP source.	X	X

* No existing or planned operation/activity at this Facility triggers the applicability of these requirements.

**Although these regulations may provide guidance, they do not impose any specific requirements on the operation of the Facility as described in this permit.

1.4 Total Emissions

The total emissions from this Facility, excluding insignificant or trivial activities, are shown in the following table. Emission limitations for individual units are shown in section 3.2.

Table 3. Total Emissions from Entire Facility*

Pollutant	Emissions (tons per year)
Nitrogen Oxides (NOx)**	139
Carbon Monoxide (CO)	158
Particulate Matter (PM ₁₀)	17
Particulate Matter (PM _{2.5})	17
Sulfur Dioxide (SO ₂)	31
Volatile Organic Compounds (VOC)**	54

*Table above is for information only, not an enforceable condition

** Previous permit, the emergency generators subject to 40 CFR 60 Subpart IIII where the NO_x standard is based on a NO_x+ NHMC standard and were shown as NO_x + NHMC in Table. For example, the Tier 3 Emission factor (130<kW<560), NO_x is combined with NMHC (non-methane hydrocarbons), NO_x+NMHC is 4.0 g/kW-hr- NO_x manufacture data is 4.0 g/kW-hr; NMHC or VOC, is ~5% of the ef (CARB, CI EF 6/2004; Bay Area AQM 12/2020 ICE BACT guidance). For this analysis and permit, VOC and NO_x are shown separately and added to the other device totals.

1.5 Insignificant Activities Emissions from Entire Facility

Activities that meet the criteria of being insignificant or de minimis pursuant to this paragraph, do not trigger modification requirements under 20.11.41 NMAC or 20.11.42 NMAC are shown in the table below. The listed insignificant activities emissions in the below table are in addition to the listed Potential-To-Emit (PTE) and are for informational purposes only. Pursuant to Albuquerque/Bernalillo County Air Quality Control Regulations Title 20, Chapter 11, Part 42 (Part 42), Operating Permits, the Director of the Department may list certain activities located at major source as insignificant based on the activities' actual limitations, emission rates, or production rates and approved by the Administrator. However, the Department may not consider any activity for which applicable requirements apply as insignificant, regardless of whether the activity meets the criteria as approved by EPA. The Facility is not required to notify the Department of changes that qualify under this section; however, the Facility shall maintain sufficient records to demonstrate compliance with the provisions of this section.

Table 4. Insignificant Activities*

Emission Units	Process Description	Pollutant Emission Rate/Other
216-AST-2A	Diesel storage tank (970 gallons)	VOC < 1 tpy
260-BLR-1, 260-BLR-2 and 260-BLR-3	2.049 & 3.0 MMBtu/hr boilers from Permit # 1715-RV1	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
259-H-8	3.85 MMBtu/hr furnace from Permit #0717-1AR	CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy; NO _x < 1.2 tpy
308-BLR-1 and 308-BLR-2	0.49 MMBtu/hr boilers from Permit #1691	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
308-BLR-3 and 308-BLR-4	2.01 MMBtu/hr boilers from Permit #1691	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
308-BLR-5	1.47 MMBtu/hr boiler from A-to-C Permit #1691	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
301-H-XX	Twenty Four (24) Heaters with combined 2.84 MMBtu/hr from A-to-C Permit #1691	Combined: CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy; NO _x < 1.8 tpy Each: NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
341-BLR-1	3.4 MMBtu/hr boiler from Permit #0504-RV1	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
329-BLR-1, 329-BLR-2, and 329-BLR-3	4.05 MMBtu/hr boilers from REG #1673	SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy; NO _x < 2.5 tpy CO, < 2.1 tpy

332-BLR-1 and 333-BLR-1	0.72 MMBtu/hr boilers from REG #1689	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
337-BLR-1	0.97 MMBtu/hr boiler from REG #1689	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
339-BLR-1	4.00 MMBtu/hr boiler from REG #1689	SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy; NO _x < 2.4 tpy CO, < 2.1 tpy
332-H-1	Four (4) Heaters with combined 0.4 MMBtu/hr from REG #1689	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
307-BLR-1	0.96 MMBtu/hr boiler from REG #1690	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
307-BLR-1	3.34 MMBtu/hr boiler from REG #1690	CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy; NO _x < 1.4 tpy
307-H-1	2.22 MMBtu/hr heater from REG #1690	SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy; NO _x < 1.5 tpy CO, < 1.2 tpy
302-H-1	2-Heaters 3.4 MMBtu/hr heater from Permit #1692-M1-1AR	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
302-BLR-1A	1.5 MMBtu/hr boiler from Permit #1692-M1-1AR	NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy
302-H-XX	17 - External Combustion Equipment/Heaters/The Pit	Each: NO _x , CO, SO ₂ , VOC, PM ₁₀ , PM _{2.5} < 1 tpy

*The insignificant activities do not need to be reported in the Annual Emissions Inventory and are not included in the annual permit fees.

2.0 PERMIT TERMS AND CONDITIONS

2.1 GENERAL CONDITIONS

The following permit terms and conditions are placed upon the permittee in accordance with 20.11.42 NMAC, 20.11.42.12.B.(2) NMAC and 20.11.42.12.C.(1)(b) NMAC.

- A. The Permittee shall abide by all terms and conditions of this permit, except as allowed under section 502(b)(10) of the Federal Act. Any permit noncompliance is grounds for enforcement action and significant or repetitious noncompliance may result in termination of this permit. Additionally, noncompliance with federally enforceable conditions of this permit constitutes a violation of the Federal Act.
- B. It shall not be a defense for the Permittee in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- C. If the Department determines that cause exists to modify, reopen and revise, revoke and reissue, or terminate this permit, this shall be done in accordance with 20.11.42.13.F NMAC.

- D.** The Permittee shall furnish any information the Department requests in writing to determine if cause exists for reopening and revising, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. This information shall be furnished within the time period specified by the Department. Additionally, the permittee shall furnish, upon request by the Department, copies of records required by the permit to be maintained by the permittee.
- E.** A request by the Permittee that this permit be modified, revoked and reissued, or terminated, or a notification by the permittee of planned changes or anticipated noncompliance, shall not stay any conditions of this permit.
- F.** This permit does not convey property rights of any sort, or any exclusive privilege.
- G.** The issuance of this permit, or the filing or approval of a compliance plan, does not relieve the permittee from civil or criminal liability for failure to comply with the state or federal Acts, or any applicable state or federal regulation or law. This condition is pursuant to 20.11.42.12.C.(1).(f) NMAC and New Mexico Air Quality Control Act NMSA 1978 74-2-2 through 74-2-23.
- H.** Severability Clause - If any section, paragraph, sentence, clause or word of this permit is for any reason held to be unconstitutional or otherwise invalid by any court, the decision shall not affect the validity of remaining provisions of permit #536-RN2. This condition is pursuant to 20.11.42.12.C.(1).(a).(iv) NMAC.
- I.** The Permittee shall pay fees to the Department consistent with the fee schedule in 20.11.02 NMAC - Permit Fees. The fees will be assessed and invoiced separately from this permit. This condition is pursuant to 20.11.42.12.C.(1).(a).(v) NMAC.
- J.** A responsible official (as defined in 20.11.42 NMAC) shall certify the accuracy, truth and completeness of every report and compliance certification submitted to the Department as required by this permit. These certifications shall be part of each document. This condition is pursuant to 20.11.42.12.A.(5) NMAC.
- K.** Revocation or termination of this permit by the Department terminates the Permittee's right to operate this facility. This condition is pursuant to 20.11.42.2.B.(2) NMAC.
- L.** The Permittee shall submit an emissions inventory for this Facility. This condition is pursuant to 20.11.47.7.A NMAC.
- M.** The source will continue to comply with all applicable requirements. For applicable requirements that will become effective during the term of the permit, the source will meet such requirements on a timely basis. This condition is pursuant to 20.11.42.12.C.(6).(c) NMAC.
- N.** The Department deems compliance with applicable conditions of this operating permit to be in compliance with the Construction Permits, pursuant to 20.11.41 NMAC and Source Registrations pursuant to 20.11.40 NMAC: 0490-2TR-1AR, 0087-M1, 1174-1AR, 1373, 1601-M2, 1643-M1-1TR, 1646, 1647, 1662-RV1, 1691, 1692-M1-2AR, 1715-M1-1AR, 1716-M1, 1898, 1975-M1, 1976-M1, 1979-1AR, 1980-M2, 1981-M1-1AR, 1982-1AR, 2008, 2038, 2135, 2141, 2176-1AR, 3019-1AR, 3020-1AR, 3137, 3143, 1809-M1-2AR, 1852-M1-1AR, 1692-M1-2AR, 3255-M1, 3299-M1 and 3300-1AR; Source Registrations 0504-RV1, 0624-M1, 0717-1AR, 1673, 1689, 1690, 1700-M1, 1766-1AR, 1881-M1, 1968-M1-1AR, 1969, 1970-M1-1AR, 1971-M1-1AR, 1972-M1-1AR, 1978-1AR, and 2167-1AR are incorporated into this permit in addition to all other applicable requirements including emission limits.
- O.** In accordance with 20.11.20.12.E, stockpiles shall be no higher than 15 feet above the existing natural or man-made grade that abuts the stockpile, unless otherwise approved in advance and in writing by the department.
- P.** All inactive disturbed surface areas must be stabilized and maintained in stable condition by the Permittee to mitigate fugitive dust. Failure to comply with this condition shall be a violation of 20.11.20 NMAC.

- Q.** Prior to any asbestos demolition or renovation work, the Permittee shall submit the proper notification(s) and all additional applicable requirements pursuant to 20.11.20.22 NMAC and 40 CFR Part 61 National Emissions Standard for Hazardous Air Pollutants (NESHAP) Subpart M – National Emission Standard for Asbestos.
- R.** The Permittee shall operate this Facility in such manner that all applicable requirements and the requirements of 20.11.42 NMAC are met regardless of what scenario the Facility is operating under. This condition is pursuant to 20.11.42.12.C.(1)(c) NMAC.

3.0 FACILITY INFORMATION

The following conditions are placed upon the permittee pursuant to 20.11.42.12.C.(1)(g) NMAC.

3.1 Process Equipment - All of the process equipment authorized for this Facility is listed in the Tables 5a-5h shown below (emission units that were identified as insignificant are not included):

Table 5a. Process Equipment Table for Ford Utilities Center

Emission Unit	Unit Description	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
116-TRB-1 (#1643-M1-1TR)	Gas Turbine	Solar Turbine	Taurus 70	OHD23-B0536	5/2024 (core replaced)	10/2004	7.5 MW
116-TRB-2 (#1643-M1-1TR)	Gas Turbine	Solar Turbine	Taurus 70	OHD19-B0435	2013	2013	7.9 MW
116-BLR-1A (#1643-M1-1TR)	Boiler ¹	English	80SH250	230071	2003	11/2003	96.2 MM Btu/hr
116-BLR-2A (#1643-M1-1TR)	Boiler ¹	English	80SH250	230072	2003	11/2003	96.2 MM Btu/hr

¹ Boiler units are designed to fire natural gas (NG) or fuel oil #2; primary fuel is NG.

Table 5b. Steam Plant

Emission Unit	Unit Description	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
176-BLR-1 (#1601-M2)	Natural Gas Fired Boiler	Miura	LX-300SG	48S492816	2009	03/2011	12.4 MMBtu/hr
176-BLR-2 (#1601-M2)	Natural Gas Fired Boiler	Miura	LX-300SG	48S402892	2010	03/2011	12.4 MMBtu/hr
176-BLR-3 (#1601-M2)	Natural Gas Fired Boiler	Miura	LX-300SG	48S402893	2010	03/2011	12.4 MMBtu/hr
176-CT1	Cooling Tower	Ceramic Cooling Tower Co	N/A	N/A	1988	1988	3500 gal/min
176-CT2	Cooling Tower	Ceramic Cooling Tower Co	N/A	N/A	1988	1988	3500 gal/min

Table 5c. Animal Research Facility Crematorium

Emission Unit	Unit Description	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
262-CRM-1 (#1982-1AR)	Natural Gas Fired ARF Crematorium	Advanced Combustion	CAP-300	6125	Unknown	1986	2 MMBtu/hr; Charge rate 3 cubic yards per day

Table 5d. External Combustion Equipment

Emission Unit	Unit Description	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
338-BLR-1 (#0490-2TR-1AR)	NG Boiler (CHTM Bldg.)	Riello	AR-4000	19-HE086634619	2020	07/2020	4.0 MMBtu/hr

Table 5e. Emergency Internal Combustion Engines

Emission Unit	Unit Description ³	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
021-EG-1 (#1373)	Diesel EG Engine (Castetter Hall)	Detroit	R123KO5	347425	3/1998	01/2000	910 hp
034-EG-1 (#1981-M1-1AR)	Diesel EG Engine (Logan Hall Bldg. 34)	Cummins	4BTA3.3G7	72046554	2/2019	3/2020	99 hp
048-EG-1 (#0624-M1)	Diesel EG Engine (Dane Smith Hall)	Caterpillar	C7.1	45506450	06/2023	04/2024	229 hp
060-EG-1 (#1646)	Diesel EG Engine (SUB, Bldg. 60)	Cummins	LTA10-G1	35047404	10/2001	11/2002	380 hp
083-EG-1 (#1174-1AR)	Diesel EG Engine (CERIA, Bldg. 83)	Generac	A5399/12.0 L	6d24-297589	03/2000	03/2001	325 hp
153-EG-1 (#1647)	Diesel EG Engine (CIRT, Bldg. 153)	Cummins	QSX 15-G9 NR2	79059635	08/2004	2004	750 hp
205-EG-1 (#1716-M1)	Diesel EG Engine (Research Incubator Bldg.)	Volvo	TAD-1240 GE	776539	11/03	2004	462 hp
260-EG-2 (#1715-M1-1AR)	Diesel EG Engine (Domenici Hall)	Cummins	QST30-G5-NR2	37290875	06/2023	10/2023	1490 hp (rated) 1102 hp (gov'd)
266-EG-1 (#1980-M2)	Diesel EG Engine (HS&S Bldg)	Caterpillar	C7.1	45506224	05/2023	04/2024	280 hp

³ Diesel or Natural Gas (NG) Fired Emergency Generator (EG) Engines

Emission Unit	Unit Description³	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
116-EG-1A (#1662-RV1)	NG EG Engine (SE Univ & MLK Blvd)	Caterpillar	SR4	CTL00746	2003	2004	1052 hp
253-EG-1A (#1809-M1-2AR)	Diesel EG Engine (BMSB-BRF-CRF)	Cummins	QST30-G5	37224830	2006	2007	1490 hp (rated) 1102 hp (gov'd)
195-EG-1 (#1852-M1-1AR)	Diesel EG Engine (School of Architecture)	Cummins	QSL9-G2	46562404	12/2005	2007	364 hp
204-EG-1 (#3137)	Diesel EG Engine (PPD & OCP Bldg)	Cummins	QSB7-G5NR3	73611565	11/2013	07/2014	324 hp
112-EG-1 (#1898)	Diesel EG Engine (location)	Caterpillar	C9 DITA	S9L01312	2007	2007	480 hp
227-EG-1 (#1979-1AR)	Diesel EG Engine (Clinical&Transitional Science Ctr)	Cummins	QSL9-G2NR3	74262461	2018	2018	364 hp
194-EG-1 (#1700-M1)	Diesel EG Engine (Lomas Chiller Plant)	Perkins	2400/1800 D50P2	U273145J	2002	2003	95 hp
249-EG-1 (#1766-1AR)	NG EG Engine (Novitski Hall)	Ford	WSG-10681-6005-A	03-06-05796	5/2003	2005	137 hp
024-EG-1 (#1881-M1)	Diesel EG Engine (Northrop Hall)	Caterpillar	C4.4	E3L69225	08/2023	04/2024	86 hp
053-EG-1 (#3299-M1)	Diesel EG Engine (Zimmerman Library)	Caterpillar	C4.4	E5G00337	11/2016	03/2017	161 hp
057-EG-1 (#3255-M2)	Diesel EG Engine (Economics Bldg)	Caterpillar	C4.4	E3L01203	2016	03/2017	86 hp
072-EG-1 (#3300-1AR)	Diesel EG Engine (Pope Joy Hall)	Caterpillar	C9	S9P01337	11/2016	03/2017	480 hp
059-EG-1 (#2008)	Diesel EG Engine (Johnson Center Natatorium)	Cummins	4BTA3.9-G5	21820602	2007	12/2008	99 hp
234-EG-1A (#1968-M1-1AR)	Diesel EG Engine (Health Sciences Library)	Kubota	V2203	7HY1375	02/2018	04/2018	36 hp
228-EG-1 (#1969)	Diesel EG Engine (Nursing Pharmacy)	Allis Chalmers	2800 MK1	2D-67951	Pre 1975	1975	60 hp
122-EG-1 (#1970-M1-1AR)	Diesel EG Engine (Mechanical Engineering)	Cummins	4BTAA3.3 G7	72047653	03/2019	03/2020	99 hp
046-EG-1 (#1971-M1-1AR)	Diesel EG Engine (Electrical & Computer Engr)	Cummins	4BTAA3.3 G7	72047647	03/2019	03/2020	99 hp
248-EG-1 (#1972-M1-1AR)	Diesel EG Engine (Family Practice)	Cummins	4BT3.3G5	72047820	03/2019	03/2020	69 hp

Emission Unit	Unit Description³	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
085-EG-1 (#1975-M1)	Diesel EG Engine (Student Services Center)	Cummins	4BTAA3.3 G7	72009677	12/2012	05/2014	99 hp
058-EG-1 (#1976-M1)	Diesel EG Engine (Hokona Hall)	Cummins	QSB5-G3 NR3	73610377	11/2013	07/2014	145 hp
211-EG-2 (#1978-1AR)	NG EG Engine (BMSB Roof-Bldg 211)	Ford	LSG-8751- 6005-A	22533-S- 22-RH	2001	2001	129 hp
301-EG-1 (#1691)	Diesel EG Engine (University Stadium)	Cummins	NH 230GS	10492712	1975	1976	230 hp
338-EG-1 (#0490-2TR- 1AR)	Diesel EG Engine (CHTM Bldg.)	Cummins	LTA10-G1	34817648	4/1996	1997	380 hp
341-EG-1 (#0504-RV1)	Diesel EG Engine (Manuf Tech & Training Center)	Cummins	LTA10-G1	34858330	1997	1997	380 hp
311A-EB-1 (#1690)	Natural Gas Fired Emergency Blower (Athletic Facility)	Vanguard	303-447	9810221	1990s	1990s	16 hp
311B-EB-1 (#1690)	Natural Gas Fired Emergency Blower (Athletic Facility)	Vanguard	303-447	95042811	1990s	1990s	16 hp
200-EG-1 (#2038-M1)	Diesel EG Engine (Domenici Center)	Caterpillar	C6.6	E6M01669	2009	2010	275 hp
211-EG-3 (#2167-1AR)	NG EG Engine (Basic Med Science Bldg.)	Kohler	30 RGZ	GM12662 422	01/2005	07/2013	75 hp
288-EG-1 (#2141)	Diesel EG Engine (Dental Residency Clinic)	Cummins	QSB7-G3- NR3	73164867	2010	2011	250 hp
289-EG-1 (#2176-1AR)	Diesel EG Engine (Center Molecular Discovery)	Cummins (w/APCE Catalyst & PM Filter)	QSL9-G3 NR3	73274655	07/2011	07/2012	399 hp
291-EG-2 (#3143)	Diesel EG Engine (1650 Univ. Blvd NE)	Cummins	4BTAA3.3 -G7	72010122	02/2013	2014	99 hp
302-EG-1A (#1692-M1-2AR)	Diesel EG Engine (The Pit)	Cummins	QSK50-G4	75702-587	02/2009	2010	2020 hp (rated) 1848 hp (gov'd)
191-EG-1A (#3019-1AR)	NG Engine (HOPE Bldg.)	Cummins	BN5XS.72 02BC	G1102329 24	2011	2013	25 hp
253-EG-2 (#3020-1AR)	NG EG Engine (Biomedical Research Center)	Cummins (w/APCE Catalyst)	GTA855E	25371726	05/2012	10/2012	383 hp

Table 5f. Above Ground Storage Tank – UNM Automotive Center

Emission Unit	Unit Description	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
216-AST-1A (#0087-M1)	Gasoline storage tank (4,200 gallons)	Unknown	Unknown	Unknown	Unknown	1997	190,000 gal/yr throughput

Table 5g. Unpaved Parking Lots

Emission Unit	Unit Description	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
151-DL-4	Unpaved parking lot	N/A	N/A	N/A	N/A	N/A	0.36 VMT/hr
204-DL-2	Unpaved parking lot	N/A	N/A	N/A	N/A	N/A	11.9 VMT/hr
260-DL-1	Unpaved parking lot	N/A	N/A	N/A	N/A	N/A	0.27 VMT/hr
233-DL-1	Unpaved parking lot	N/A	N/A	N/A	N/A	N/A	40.27 VMT/hr
250-DL-1	Unpaved parking lot	N/A	N/A	N/A	N/A	N/A	0.17 VMT/hr
273-DL-1	Unpaved parking lot	N/A	N/A	N/A	N/A	N/A	0.11 VMT/hr
276-DL-1	Unpaved parking lot	N/A	N/A	N/A	N/A	N/A	0.30 VMT/hr
276-DL-2	Unpaved parking lot	N/A	N/A	N/A	N/A	N/A	0.28 VMT/hr

Table 5h. Facility Wide Chemical Usage

Emission Unit	Unit Description	Manufacturer	Model Number	Serial Number	Date of Mfg. Equipment	Date of Installation	Rated Process Rate
CHEM (#2135)	Chemical Usage	N/A	N/A	N/A	N/A	N/A	N/A

3.2 Requirements for Individual Emission Units

Emission units and description are found in the “Process Equipment” Tables 5a-5h above. The units are subject to the specific operational requirements and limitations that are referenced in the Tables 6a.-6h. below pursuant to 20.11.42.12.C.(1) NMAC:

Table 6a. Ford Utilities Center

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
116-TRB-1 ⁴	<ol style="list-style-type: none"> 1) The Permittee shall comply with both the notification requirements of Subpart A and the specific requirements of Subpart GG. 2) The Unit shall combust only pipeline quality NG. 3) The replacement/substitution of the gas producer component, which is the integrated unit including the power turbine, combustor, and axial compressor is authorized provided that the replacement/substitution component does not increase the PTE. 4) The Unit is authorized to operate 8,760 hours per 12-month rolling period. 5) The Unit shall not cause or allow visible air contaminant emissions that exceed an opacity of 20 percent, 6-minute timed average. 	<p>20.11.5 NMAC, 20.11.41, NMAC; 20.11.42, NMAC; NSPS, 40 CFR 60 Subpart A – General Provisions and NSPS, 40 CFR 60, Subpart GG Standards of Performance for Stationary Gas Turbines; Construction Permit #1643-M1-1TR</p>
116-TRB-2 ⁴	<ol style="list-style-type: none"> 1) This Unit is an affected facility with a heat input at peak load equal to or greater than 10.7 gigajoules per hour, based on the higher heating value of the fuel fire and has commenced construction, modification, or reconstruction after February 18th, 2005. The Permittee shall comply with both the notification requirements of Subpart A and the specific requirements of Subpart KKKK. 2) The Unit shall combust only pipeline quality NG. 3) The replacement/substitution of the gas producer component, which is the integrated unit including the power turbine, combustor, and axial compressor is authorized provided that the replacement/substitution component does not increase the PTE. 4) The Unit is authorized to operate 8,760 hours per 12-month rolling period. 5) The Unit shall not cause or allow visible air contaminant emissions that exceed an opacity of 20 percent, 6-minute timed average. 	<p>20.11.5 NMAC, 20.11.41, NMAC; 20.11.42, NMAC; NSPS, 40 CFR 60 Subpart A – General Provisions and NSPS, 40 CFR 60, Subpart KKKK Standards of Performance for Stationary Combustion Turbines; Construction Permit #1643-M1-1TR</p>
116-BLR-1A and 116-BLR-2A ⁵	<ol style="list-style-type: none"> 1) These Units are affected facilities that were constructed, reconstructed, or modified after June 9, 1989 having a maximum design heat input capacities greater than 10 million Btu/hr but less than 100 million Btu/hr. 2) When combusting NG (primary fuel), the Permittee shall combust only pipeline quality NG. 3) When firing diesel fuel, the emission Units shall be restricted to #2 diesel fuel consumption of 17,175 gallons per 12-month rolling period where the sulfur content of #2 diesel shall not exceed 0.5% by 	<p>20.11.5, NMAC, 20.11.41, NMAC; 20.11.42, NMAC; 20.11.5.12 NMAC; NSPS, 40 CFR 60 Subpart A – General Provisions and NSPS, 40 CFR 60, Subpart Dc Standards of Performance for Small Industrial Commercial-Institutional Steam Generating Units; Construction Permit #1643-M1-1TR</p>

⁴ Emission limits & calculations for Subparts GG and KKKK are in Emission Limits, Section 3.3.A.1)-10) and Table 7.

⁵ Emission limits & calculations for Subpart Dc are in Emission Limits, Section 3.3.A.11)-13) and Table 7.

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
	<p>weight</p> <ol style="list-style-type: none"> 4) The Units are authorized to operate 8,760 hours per 12-month rolling period. 5) The Units shall not cause or allow visible air contaminant emissions that exceed an opacity of 20 percent, 6-minute timed average while combusting natural gas. 6) In accordance with 40 CFR §60.43(c), Units shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity, 6-minute timed average, except for one 6-minute period per hour of not more than 27 percent opacity while combusting #2 diesel fuel. Pursuant to 40 CFR §60.43(d), these opacity standards apply all times, except during periods of startup, shutdown, or malfunction. 	
<p>116-EG-1A (NG fired Emergency - RICE)</p>	<ol style="list-style-type: none"> 1) The Unit shall be equipped with a catalytic converter to control NOx and CO. 2) Restricted to 200 hours of operation based on a 12-month rolling total and shall only be used in emergency situations. The power generated by this unit shall not be utilized for peak shaving and shall only be utilized as emergency power for operations at this Facility. 3) The Unit shall be used as an emergency engine only. 4) The Unit shall use only NG fuel. 5) There is no time limit on the use of emergency stationary SI RICE in emergency situations. 6) Except for the initial 10 seconds from startup, no person shall cause or allow visible emissions from any stationary spark ignition engine to exceed 5 percent opacity, 3 minute time-averaged.⁸ 7) The Unit may be operated for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by 8) of this section counts as part of the 100 hours per calendar year allowed. 8) The Unit may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The Permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Facility maintains records indicating that federal, state, or local standards require maintenance and testing of 	<p>20.11.5 NMAC, 20.11.41, NMAC; 20.11.42, NMAC; §63.6585(f)(3), §63.6640(f), Subpart ZZZZ Table 2d (for emergency spark ignition, SI RICE manufactured <2009); Construction Permit #1662-RV1,</p>

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
	<p>emergency SI RICE beyond 100 hours per calendar year.</p> <p>9) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing.</p> <p>10) The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.</p> <p>11) Change oil and filter every 500 hours of operation or annually, whichever comes first;</p> <p>12) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and</p> <p>13) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.</p>	

Table 6b. Steam Plant

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
176-BLR-1, 176-BLR-2, 176-BLR-3	<p>1) These Units are affected facilities that were constructed, reconstructed, or modified after June 9, 1989 having a maximum design heat input capacities greater than 10 million Btu/hr but less than 100 million Btu/hr.</p> <p>2) The Units are authorized to operate 8,760 hours per 12-month rolling period.</p> <p>3) The Units shall not cause or allow visible air contaminant emissions that exceed an opacity of 20 percent, 6-minute timed average.</p> <p>4) Units shall each be limited to 89 MMft³ of natural gas usage based on a 12 month rolling total.</p>	<p>20.11.5, NMAC, 20.11.41, NMAC; 20.11.42, NMAC; 20.11.5.12 NMAC; NSPS, 40 CFR 60 Subpart A – General Provisions and NSPS, 40 CFR 60, Subpart Dc Standards of Performance for Small Industrial Commercial-Institutional Steam Generating Units;</p> <p>Construction Permit #1601-M1-RV1</p>

Table 6c. Animal Research Facility Crematorium

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
262-CRM-1	<p>1) The Unit shall be used solely for cremating animal remains, parts and tissues thereof, and other items normally associated with the cremation process. In no instance shall the emissions of a crematory exceed federal requirements. In addition, the Unit shall not be used to destruct “pathological waste” as defined under 20.11.69.7.N. NMAC.</p> <p>2) The Unit shall not cause or allow visible air emissions to exceed 5 percent opacity during any time interval including startup and shutdown</p>	<p>20.11.41, NMAC; 20.11.42, NMAC;</p> <p>Construction Permit: 1982-1AR</p>

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
	<p>pursuant to 20.11.5.13.A NMAC.</p> <p>3) Pursuant to 20.11.68.200.C. NMAC, The Unit shall not discharge particulate matter into the atmosphere in excess of 0.08 grains per standard cubic foot of dry exhaust gas corrected to 12 percent of carbon dioxide (CO₂) at standard conditions. In measuring the combustion contaminants from the crematory unit, the carbon dioxide (CO₂) produced by combustion of any liquid or gaseous fuel shall be excluded from the correction to 12% of carbon dioxide (CO₂). In no instance shall the emissions of a crematory exceed federal requirements. Compliance with the pound per hour and ton per year particulate emission limits, shall be shown by meeting the 5 percent opacity standard and 0.08 grains standard.</p> <p>4) Unit shall not exceed 4380 hours of operation based on a 12-month rolling period.</p> <p>5) Unit shall not exceed 9,000,000 ft³ of natural gas per 12-month rolling period.</p> <p>6) Unit shall not exceed a “Charge Rate” of 3 cubic yards over any twenty-four (24) hour period. Charge rate is defined as the rate at which the subject unit is burning animal remains at a given point in time expressed in terms of cubic yards per day.</p> <p>7) Unit shall be operated and maintained according to the manufacturer’s written instructions, or procedures developed by the permittee that have been approved by the manufacturer.</p>	

Table 6d. External Combustion Equipment

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
338-BLR-1	<p>1) The Unit is authorized to operate 24 hours per day, 7 days per week, 52 weeks per year or 8760 hours per year.</p> <p>2) The Unit shall not cause or allow visible air contaminant emissions that exceed an opacity of 20 percent, 6-minute timed average.</p> <p>3) The Unit shall only fire NG.</p>	<p>20.11.5, NMAC, 20.11.41, NMAC; 20.11.42, NMAC; Construction Permit #0490-2TR-1AR</p>

Table 6e. Emergency Internal Combustion Engines⁶

⁶Emergency engine 116-EG-1A is located at the Ford Utility Center and the requirements are in Table 6a, above.

Applicable Emission Unit(s) ⁷	Operational Requirements and Limitations	Regulatory Basis
024-EG-1, 034-EG-1, 046-EG-1, 048-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 059-EG-1, 072-EG-1, 085-EG-1, 112-EG-1, 122-EG-1, 195-EG-1, 200-EG-1, 204-EG-1, 227-EG-1, 234-EG-1, 248-EG-1, 253-EG-1A, 260-EG-1, 266-EG-1, 288-EG-1, 289-EG-1, 291-EG-2, and 302-EG-1A	<ol style="list-style-type: none"> 1) There is not a limit on use during emergency situations. 2) Units shall be installed with a non-resettable hour meters. 3) The Units shall not cause or allow visible air contaminant emissions that exceed an opacity of 20 percent, 6-minute timed average. During the first 20 minutes of cold startup the visible emissions shall not exceed 40 percent opacity, 6 minute time-averaged. Additionally, no increase of load shall be applied so as to cause an emission having an opacity greater than 40 percent during any time interval.⁸ 4) All Units shall use diesel fuel that meets the requirements of 40 CFR 1090.305 for nonroad diesel fuel to demonstrate compliance with §60.4207. The diesel fuel shall meet the ULSD standards of §1090.305 which are the following: <ol style="list-style-type: none"> a) Sulfur standard. Maximum sulfur content of 15 ppm. b) Cetane index or aromatic content. Diesel fuel shall meet one of the following standards: <ol style="list-style-type: none"> i) Minimum cetane index of 40. ii) Maximum aromatic content of 35 volume percent. 5) Pursuant to 40 CFR 60, Subpart III §60.4211, the Permittee must operate and maintain the stationary CI internal combustion engines and control devices (as applicable) according to the manufacturer's emission-related written instructions, change only those emission-related settings that are permitted by the manufacturer, and meet the requirements of CFR Title 40 part 89, 94, and/or 1068 as they apply. 6) Emergency stationary RICE may be operated for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by 6) of this section counts as part of the 100 hours per calendar year allowed. 7) The Permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year. 	<p>20.11.5, NMAC, 20.11.40, NMAC, 20.11.41, NMAC; 20.11.42, NMAC; 40 CFR 60, Subpart A, 40 CFR 60.4207, Subpart III,</p> <p>Construction Permits or Registrations: 1881-M1, 1981-M1-1AR, 1971-M1-1AR, 0624-M1, 3299-M1, 3255-M1, 2008, 3300-1AR, 1976-M1, 1975-M1, 1898, 1970-M1-1AR, 1852-M1-1AR, 2038, 3137, 1979-1AR, 1968-M1-1AR, 1972-M1-1AR, 1809-M1-2AR, 1715-M1, 1980-M2, 2141, 2176-1AR, 1692-M1-2AR</p>

⁷ Refer to Table 6e.1. for permitted annual hours of operation for all ICE Units.

⁸ Compliance with visible emission limitations shall be determined, upon request by the Department, using 40 CFR 60, Appendix A, Method 9 or other department approved method.

Applicable Emission Unit(s) ⁷	Operational Requirements and Limitations	Regulatory Basis
	<p>8) Emergency stationary RICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in 5) above in this section.</p> <p>9) The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.</p> <p>10) Applicable Units⁹ are subject to the labeling, §60.4210(f) and §60.4214(b), recordkeeping requirements pursuant to Table 5 of Subpart III of Part 60; therefore, the Units shall have a permanent label stating that the engine is for stationary emergency use only. The labels must meet the labeling requirements of §1039.135 and §1068.45</p>	
191-EG-1A and 253-EG-2	<p>1) The Units are NG fired Spark Ignition Internal Combustions Engines (SI ICE) emergency engines manufactured after January 1, 2009 and are subject to the NSPS 40 CFR 60, Subpart JJJJ.</p> <p>2) There is not a limit on use during emergency situations.</p> <p>3) Units shall be installed with a non-resettable hour meters.</p> <p>4) All Units shall use only NG fuel.</p> <p>5) Except for the initial 10 seconds from startup, no person shall cause or allow visible emissions from any stationary spark ignition engine to exceed 5 percent opacity, 3 minute time-averaged.</p> <p>6) Install, configure, operate and maintain the engine according to the manufacturer's emission-related written instructions or change only the emission-related settings in a way that is permitted by the manufacturer.</p> <p>7) Operate and maintain the engine to meet the emission standards over the entire life of the engine.</p> <p>8) Emergency stationary SI ICE may be operated for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by 9) of this section counts as part of the 100 hours per calendar year allowed.</p> <p>9) The Permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator</p>	<p>20.11.5, NMAC, 20.11.40, NMAC, 20.11.41, NMAC; 20.11.42, NMAC; 40 CFR 60, Subpart A, 40 CFR 60.4230, Subpart JJJJ, §4211(f)</p> <p>Construction Permits or Registrations: 3019-1AR, 3020-1AR</p>

⁹ Applicable units according to 40 CFR 60, Subpart III, Table 5 (manufacture date 2011 or later) are 024-EG-1, 046-EG-1, 048-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 072-EG-1, 085-EG-1, 122-EG-1, 204-EG-1, 227-EG-1, 234-EG-1, 248-EG-1, 260-EG-1, 266-EG-1, 289-EG-1 and 291-EG-2.

Applicable Emission Unit(s) ⁷	Operational Requirements and Limitations	Regulatory Basis
	<p>maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.</p> <p>10) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in 7) above in this section.</p> <p>11) The 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.</p>	
<p>021-EG-1, 83-EG-1, 60-EG-1, 153-EG-1, 194-EG-1, 205-EG-1, 228-EG-1, 249-EG1, 301-EG-1, 338-EG-1, 341-EG-1</p>	<ol style="list-style-type: none"> 1) The Units are located at an institutional source, 40 CFR 63.6585(f)(3), Subpart ZZZZ, and shall operate as an emergency engine in accordance with §63.6640(f). 2) There is no time limit on the use of emergency stationary RICE in emergency situations. 3) No person shall cause or allow visible emissions from any stationary diesel-powered engine to exceed 20 percent opacity, 6 minute time-averaged. During the first 20 minutes of cold startup the visible emissions shall not exceed 40 percent opacity, 6 minute time-averaged. Additionally, no increase of load shall be applied so as to cause an emission having an opacity greater than 40 percent during any time interval. 4) All Units shall only combust ultra low sulfur diesel fuel (ULSD). 5) You may operate the emergency stationary RICE for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (4) of this section, §63.6640, counts as part of the 100 hours per calendar year allowed by paragraph (f)(2). 6) The Units may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The Permittee may petition the Administrator or Department for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Facility maintains records indicating that federal, state, or 	<p>20.11.5 NMAC, 20.11.40, NMAC, 20.11.41, NMAC; 20.11.42, NMAC; NESHAP, 40 CFR 63, Subpart ZZZZ (for emergency compression ignition, CI or SI ICE manufactured <2006), §63.6585(f)(3), §63.6640(f), Table 2d;</p> <p>Construction Permits or Registrations: 1373, 1646, 1647, 1174-1AR, 1716-M1, 1700-M1, 1969, 1691, 1766-1AR, 0490-2TR-1AR, 0504-RV1</p>

Applicable Emission Unit(s) ⁷	Operational Requirements and Limitations	Regulatory Basis
	<p>local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.</p> <p>7) The Units may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in <u>paragraph (2)</u> of this section, §63.6640(f). The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.</p> <p>8) Change oil and filter every 500 hours of operation or annually, whichever comes first;</p> <p>9) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and</p> <p>10) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.</p>	

Table 6e.1. Emergency Internal Combustion Engines-Permitted Annual Hours

Emission Units	Hours of Operation Per Year (12-month rolling total)
024-EG-1, 034-EG-1, 046-EG-1, 048-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 059-EG-1, 060-EG-1, 072-EG-1, 083-EG-1, 085-EG-1, 112-EG-1, 116-EG-1A, 122-EG-1, 153-EG-1, 191-EG-1A, 194-EG-1, 195-EG-1, 200-EG-1, 204-EG-1, 205-EG-1, 211-EG-2, 211-EG-3, 227-EG-1, 228-EG-1, 234-EG-1A, 248-EG-1, 249-EG-1, 253-EG-1A, 253-EG-2, 260-EG-2, 266-EG-1, 288-EG-1, 289-EG-1, 291-EG-2, 338-EG-1, and 341-EG-1	200
301-EG-1, 311A-EB-1, and 311B-EB-1	300
021-EG-1 and 302-EG-1A	500

Table 6f. Above Ground Gasoline Storage Tank-Automotive Center

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
216-AST-1A	<p>1) Shall not exceed the 0.30 ton per year (tpy) emission limit stated in Permit 0087-M1.</p> <p>2) A fully operational vapor recovery system must be installed as defined in 20.11.65.15 NMAC.</p> <p>3) Shall maintain in good working order any vapor or recovery system and all pressure vent caps shall also be maintained in good working order.</p> <p>4) Unit shall be limited to 190,000 gallons of gasoline per 12-month rolling period.</p> <p>Requirements for monthly throughput of 10,000 gallons or less (§63.11116):</p> <p>5) The Permittee must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time.</p> <p>6) §63.11116(a) requires that measures to be taken include, but are not limited to, the following:</p> <p>7) Minimize gasoline spills;</p> <p>8) Clean up spills as expeditiously as practicable;</p> <p>9) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use; [§63.11116(d) Portable gasoline containers that meet the requirements of 40 CFR Part 59, Subpart F, are considered acceptable for compliance with this requirement];</p> <p>10) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.</p> <p>11) §63.11116(b) requires that records be made available within 24 hours of request by the department to document your gasoline throughput.</p> <p>Requirements for monthly throughput of 10,000 gallons or more (§63.11117), in addition to 1), 2) and 3) above:</p> <p>12) Requires that except as specified in §63.11117(c), you must only load gasoline into storage tanks at your facility by utilizing submerged filling, as defined in §63.11132, and as specified in paragraph (b)(1) or paragraph (b)(2) of this section</p> <p>13) 20.11.65 NMAC requires submerged fill pipes to be no more than 6 inches from the bottom of the storage tank.</p> <p>14) §63.11117(b)(2) requires submerged fill pipes installed after November 9, 2006, must be no more than 6 inches from the bottom of the storage tank</p> <p>15) §63.11117(b)(3) Submerged fill pipes not meeting the requirements of §63.11117(b)(1) or (b)(2) are allowed if the owner can demonstrate that the liquid</p>	<p>20.11.41, NMAC, 20.11.42, NMAC, 20.11.65 NMAC; 40 CFR Part 63, Subpart CCCCCC;</p> <p>Construction Permit: 0087-M1</p>

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
	level in the tank is always above the entire opening of the fill pipe. Documentation providing such demonstration must be made available for inspection by the Administrator's or Department's delegated representative during the course of a site visit.	

Table 6g. Unpaved Parking Lots and Fugitive Dust Sources

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
151-DL-4, 204-DL-2, 260-DL-1, 233-DL-1, 250-DL-1, 273-DL-1, 276-DL-1, and 276-DL-2; Fugitive dust sources	<ol style="list-style-type: none"> 1) Shall maintain a fugitive dust control plan pursuant to 20.11.20.13 NMAC. 2) In accordance with 20.11.20.12(A) NMAC, the Permittee shall not allow fugitive dust, track out, or transported material from any active operation, open storage pile, stockpile, paved or unpaved roadway disturbed surface area, or inactive disturbed surface area to cross or be carried beyond the property line, right-of-way, easement or any other area under control of the person generating or allowing the fugitive dust if the fugitive dust may: <ol style="list-style-type: none"> a) with reasonable probability injure human health or animal or plant life; b) with reasonable probability injure human health or animal or plant life; c) unreasonably interfere with the public welfare, visibility or the reasonable use of property; d) or be visible for a total of 15 minutes or more during any consecutive one-hour observation period using the visible fugitive dust detection method in 20.11.20.26 NMAC or an equivalent method approved in writing by the Department. 3) In accordance with 20.11.20.12.E, stockpiles shall be no higher than 15 feet above the existing natural or man-made grade that abuts the stockpile, unless otherwise approved in advance and in writing by the Department. 4) All inactive disturbed surface areas must be stabilized and maintained in stable condition by the Permittee to mitigate fugitive dust. Failure to comply with this condition shall be a violation of 20.11.20 NMAC. 	20.11.20 NMAC, 20.11.42, NMAC

Table 6h. Chemical Usage

Applicable Emission Unit(s)	Operational Requirements and Limitations	Regulatory Basis
CHEM	<ol style="list-style-type: none"> 1) All equipment shall be maintained as per manufacture specifications to ensure the emissions remain at or below permitted levels. 2) Unit shall not result in emissions exceeding 17.4 tons per year of Volatile Organic Compounds (non-HAP) based on a 12- month rolling total. 3) Unit shall not result in emissions exceeding 7.0 tons per year of any individual Hazardous Air Pollutant (HAP) and 9.4 tons per year of any combination of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Federal Clean Air Act, based on a 12-month rolling total. 	<p>20.11.65 NMAC, 20.11.41 NMAC, 20.11.42, NMAC;</p> <p>Construction Permit: 2135</p>

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3.3 Emission Limits

For the emission units found in Tables 5a-5h above and “Operational Requirements” Tables 6a-6h, are subject to the following emissions limits during normal operation pursuant to 20.11.42.12.C.(1)(a) NMAC:

EMISSIONS LIMITS TABLE 7.

EU#s*	NOx		CO		SO ₂		PM ₁₀		VOC		HAPs	
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy
021-EG-1	28.800	7.200	6.400	1.600	0.100	0.025	0.637	0.159	0.900	0.225	2.78E-02	6.94E-03
024-EG-1	0.491	0.049	0.550	0.055	5.00E-04	0.000	0.044	0.004	0.026	0.003	4.39E-03	4.39E-04
034-EG-1	0.716	0.072	0.170	0.017	0.02	0.002	0.064	0.006	0.130	0.013	5.05E-03	5.05E-04
046-EG-1	0.840	0.084	0.170	0.017	0.05	0.005	0.064	0.006	0.090	0.009	5.05E-03	5.05E-04
048-EG-1	1.045	0.105	1.375	0.138	1.20E-03	0.000	0.083	0.021	0.055	0.014	1.17E-02	2.92E-03
053-EG-1	0.980	0.098	0.340	0.034	0.002	0.000	0.040	0.004	0.030	0.003	8.22E-03	8.22E-04
057-EG-1	0.628	0.063	0.140	0.014	0.051	0.005	0.050	0.005	0.021	0.002	4.39E-03	4.39E-04
058-EG-1	0.903	0.090	1.188	0.119	0.086	0.009	0.071	0.007	0.048	0.005	7.40E-03	7.40E-04
059-EG-1	1.160	0.116	0.080	0.008	0.200	0.020	0.020	0.002	0.060	0.006	5.05E-03	5.05E-04
060-EG-1	11.780	1.178	2.538	0.254	0.779	0.078	0.836	0.084	0.939	0.094	1.94E-02	1.94E-03
072-EG-1	2.993	0.299	2.757	0.276	0.984	0.098	0.158	0.016	0.158	0.016	2.45E-02	2.45E-03
083-EG-1	8.900	0.890	1.500	0.150	0.150	0.015	0.420	0.042	0.600	0.060	1.66E-02	1.66E-03
085-EG-1	0.716	0.072	0.803	0.080	0.203	0.020	0.064	0.006	0.039	0.004	5.05E-03	5.05E-04
112-EG-1	5.270	0.527	0.490	0.049	0.984	0.098	0.158	0.016	0.158	0.016	2.45E-02	2.45E-03
116-EG-1A	5.000	0.500	10.380	1.038	0.005	0.0005	0.081	0.008	0.490	0.049	2.39E-01	2.39E-02
122-EG-1	0.716	0.072	0.803	0.080	0.020	0.002	0.064	0.006	0.039	0.004	5.05E-03	5.05E-04
153-EG-1	18.000	1.800	18.000	1.800	3.030	0.303	1.650	0.165	0.529	0.053	2.29E-02	2.29E-03
191-EG-1A	0.330	0.033	25.020	2.502	1.00E-04	1.00E-05	0.002	2.00E-04	0.028	0.003	5.67E-03	5.67E-04
194-EG-1	2.945	0.295	0.635	0.063	0.195	0.019	0.209	0.021	0.235	0.023	4.85E-03	4.85E-04
195-EG-1	5.540	0.554	6.620	0.662	0.746	0.075	0.320	0.032	0.800	0.080	1.86E-02	1.86E-03
200-EG-1	1.714	0.171	1.579	0.158	0.560	0.056	0.090	0.009	0.090	0.009	1.40E-02	1.40E-03
204-EG-1	2.023	0.202	1.863	0.186	0.664	0.066	0.106	0.011	0.106	0.011	1.65E-02	1.65E-03
205-EG-1	14.322	1.432	3.086	0.309	0.947	0.095	1.016	0.102	1.141	0.114	2.36E-02	2.36E-03
211-EG-2	2.570	0.257	4.320	0.432	0.001	0.000	0.023	0.002	0.034	0.003	2.93E-02	2.93E-03
211-EG-3	1.230	0.123	2.020	0.202	0.000	0.000	0.005	0.001	0.020	0.002	1.70E-02	1.70E-03
227-EG-1	2.266	0.227	2.087	0.209	0.746	0.075	0.119	0.012	0.119	0.012	1.86E-02	1.86E-03
228-EG-1	1.860	0.186	0.401	0.040	0.123	0.012	0.132	0.013	0.148	0.015	3.06E-03	3.06E-04
234-EG-1A	0.440	0.044	0.325	0.033	0.074	0.007	0.024	0.002	0.014	0.001	1.84E-03	1.84E-04
248-EG-1	0.510	0.051	0.572	0.057	0.141	0.014	0.046	0.005	0.027	0.003	3.52E-03	3.52E-04
249-EG-1	3.500	0.350	2.170	0.217	0.020	0.002	0.010	0.001	0.270	0.027	3.11E-02	3.11E-03
253-EG-1A	16.620	1.662	2.230	0.223	0.240	0.024	0.290	0.029	0.220	0.022	3.36E-02	3.36E-03
253-EG-2	1.685	0.169	3.370	0.337	0.002	1.80E-04	0.030	0.003	0.843	0.084	8.69E-02	8.69E-03
260-EG-2	21.700	2.170	21.700	2.170	0.005	0.000	0.080	0.008	0.240	0.024	3.36E-02	3.36E-03
266-EG-1	1.463	0.146	1.348	0.135	1.40E-03	0.000	0.077	0.008	0.077	0.008	1.43E-02	1.43E-03
288-EG-1	1.672	0.167	0.360	0.036	0.510	0.051	0.088	0.009	0.088	0.009	1.28E-02	1.28E-03
289-EG-1	2.633	0.263	2.426	0.243	0.820	0.082	0.139	0.014	0.139	0.014	2.04E-02	2.04E-03
291-EG-2	0.716	0.072	0.803	0.080	0.020	0.002	0.064	0.006	0.039	0.004	5.05E-03	5.05E-04
301-EG-1	7.130	1.070	7.100	1.065	0.472	0.071	0.506	0.076	0.568	0.085	1.17E-02	1.76E-03
302-EG-1A	18.460	4.615	10.630	2.658	0.750	0.188	0.610	0.153	0.970	0.243	5.64E-02	1.41E-02
311A-EP-1	0.600	0.090	1.100	0.165	2.00E-04	3.00E-05	0.003	4.50E-04	0.003	0.000	3.63E-03	5.44E-04
311B-EB-1	0.600	0.090	1.100	0.165	2.00E-04	3.00E-05	0.003	4.50E-04	0.003	0.000	3.63E-03	5.44E-04
338-EG-1	11.780	1.178	2.538	0.254	0.779	0.078	0.836	0.084	0.939	0.094	1.94E-02	1.94E-03
341-EG-1	8.680	0.868	1.870	0.187	0.570	0.057	0.620	0.062	0.939	0.094	1.94E-02	1.94E-03
Total engines	221.928	29.698	154.956	18.515	15.052	1.656	9.952	1.220	12.409	1.558	0.944	0.110
Boilers												
176-BLR-1	0.300	1.314	0.920	4.030	0.007	0.031	0.092	0.403	0.067	0.293	9.54E-04	4.18E-03
176-BLR-2	0.300	1.314	0.920	4.030	0.007	0.031	0.092	0.403	0.067	0.293	9.54E-04	4.18E-03
176-BLR-3	0.300	1.314	0.920	4.030	0.007	0.031	0.092	0.403	0.067	0.293	9.54E-04	4.18E-03
116-BLR-1A	3.800	16.644	4.900	21.462	1.500	6.570	0.810	3.548	1.200	5.256	9.30E-03	4.07E-02
116-BLR-1A	3.800	16.644	4.900	21.462	1.500	6.570	0.810	3.548	1.200	5.256	9.30E-03	4.07E-02
338-BLR-1	0.390	1.708	0.330	1.445	0.002	0.010	0.030	0.131	0.020	0.088	0	0

Cooling Towers												
176-CT1							0.240	1.040				
176-CT2							0.240	1.040				
Turbines												
116-TRB-1	7.600	33.288	9.200	40.296	1.400	6.132	0.570	1.400	2.600	11.388	0.087	0.38
116-TRB-2	7.800	34.164	9.500	41.610	1.200	5.256	0.520	1.240	2.700	11.826	0.078	0.34
Other												
216-AST-1A										0.022		
262-CRM-1	1.180	2.590	0.540	1.180	2.080	4.560	0.060	0.130	0.050	0.110	3.77E-03	8.26E-03
151-DL-4							0.210	0.021				
204 DL-2							6.900	0.074				
260 DL-1							0.150	0.016				
233-DL-1							23.360	2.380				
250-DL-1							0.100	0.010				
273-DL-1							0.070	0.007				
276-DL-1							0.180	0.018				
276-DL-2							0.160	0.017				
CHEM										17.400		9.4
Total	247.398	138.678	187.086	158.059	22.755	30.847	44.638	17.049	20.380	53.784	1.134	10.335

* EG engines that are subject to 40 CFR 60, Subpart IIII, the NOx standard is based on a NMHC+NOx standard. For example, the Tier 3 Emission factor (130<kW<560), NOx is combined with NMHC (non-methane hydrocarbons), NOx+NMHC is 4.0 g/kW-hr- NOx manufacture data is 4.0 g/kW-hr; NMHC or VOC, is ~5% of the ef (CARB, CI EF 6/2004; Bay Area AQM 12/2020 ICE BACT guidance). For this permit, VOC and NOx are shown separately.

**PM₁₀ = PM_{2.5}; Cooling Towers PM_{2.5} – 0.001 lb/hr each and 0.006 tpy each.

***Reference spreadsheet 0536-RN2 UNM emissions. For information purposes only.

A. Ford Utilities Emission Limit Requirements

- 1) Emission Units #116-TRB-1 and 116-TRB-2 VOC and PM₁₀ lb/hr emission rates are for informational purposes. Compliance with the VOC and PM emission limits shall be based on the verification of burning pipeline quality natural gas. Tons per year (tpy) emissions are for annual fee purposes.
- 2) Emission Units #116-TRB-1 and 116-TRB-2 CO lb/hr emission rate shall be based on the maximum tested lb/hr emission rate determined in 1643-M1-1TR. Compliance with Emission Units #116-TRB-1 and 116-TRB-2, CO tpy emissions shall be determined by the following equation:

$$\text{CO (tpy)} = \frac{(\text{lb/hr}) * (\text{Annual Hours of Operation})}{2000 \text{ lbs/ton}}$$

Where,

lb/hr= Maximum tested CO lb/hr emission

- 3) Emission Unit #116-TRB-1 shall not exceed the more stringent of the allowable NO_x emission rate as specified in 40 CFR §60.332 (a) (2) or the lb/hr emission rate as specified in 1643-M1-1TR.
- 4) Emission Unit #116-TRB-2 shall not exceed the more stringent of the allowable NO_x emission rate as specified in 40 CFR §60.4320 (a) and Table 1 to 40 CFR § 60 Subpart KKKK or the lb/hr emission rate as specified in the construction permit #1643-M1-1TR.
- 5) In accordance with 40 CFR §60.332 (a)(2) and 40 CFR §60.332 (a)(3), Emission Units #116-TRB-1 shall not cause to be discharged into the atmosphere any gases which contain nitrogen oxides in excess of:

$$\text{STD} = 0.0150 \frac{(14.4)}{Y} + F$$

Where,

STD = Allowable NOx emissions (percent by volume at 15 percent oxygen an on a dry basis).

- Y = manufacturer's rated heat rate at manufacturer's rated peak load (kilojoules per watt hour), or actual measured heat rate based on lower heating value of fuel as measure at actual peak load for unit # 1. The value of Y shall not exceed 14.4 kilojoules per watt-hour.
- F = NO_x emission allowance for fuel-bound nitrogen as defined in the table below.

Table 7

Fuel-bound Nitrogen (Percent by weight)	F (NO_x percent by volume)
N ≤ 0.015	0
0.015 < N ≤ 0.1	0.04 (N)
0.1 < N < 0.25	0.004+0.0067 (N-0.1)
N > 0.25	0.005

- 6) In accordance with 40 CFR §60.4320 (a) and Table 1 to 40 CFR §60 Subpart KKKK, Emission Unit #116-TRB-2 shall not cause to be discharged into the atmosphere any gases which contain nitrogen oxides in excess of 2 ppm at 15 percent O₂, or 150 ng/J of useful output (1.2 lb/MWh).
- 7) If Emission Units #116-TRB-1 and 116-TRB-2 use a common steam header for the heat recovery steam generator system, the permittee shall comply with the requirements of 40 CFR §60.4333 to determine compliance with the NO_x emission limits.
- 8) Emission Units #116-TRB-1 and 116-TRB-2 compliance with the NO_x tpy emissions shall be determined by the following equation:

$$\text{NO}_x \text{ (tpy)} = \frac{(\text{lb/hr}) * (\text{Annual Hours of Operation})}{2000 \text{ lbs/ton}}$$

Where,

lb/hr = Average tested NO_x lb/hr emission rate

- 9) Emission Units #116-TRB-1 shall not exceed the more stringent of the allowable SO₂ emission rate as specified in 40 CFR §60.333 or the lb/hr emission rate as specified in 1643-M1-1TR. Emission Units #116-TRB-1 shall comply with one or the other of the following conditions:
- i. In accordance with 40 CFR §60.333 (a), Emission Units #116-TRB-1 shall not cause to be discharged into the atmosphere, any gases which contain sulfur dioxide in excess of 0.015% by volume at 15% oxygen and on a dry basis.
 - ii. In accordance with 40 CFR §60.333 (b), Emission Units #116-TRB-1 shall not burn any fuel that contains sulfur in excess of 0.8% by weight.
- 10) Emission Unit #116-TRB-2 shall not exceed the SO₂ emission rate as specified in 40 CFR §60.4330(a) or the lb/hr emission rate in 1643-M1-1TR and Table 7 above. In accordance with 40 CFR §60.4330 (a), Unit #116-TBR-2 shall meet the emission limits for sulfur dioxide (SO₂) by complying with one or the other of the following conditions:
- i. Shall not cause to be discharged into the atmosphere any gases which contain SO₂ in excess of 110 nanograms per Joule (ng/J) (0.90 pounds per megawatt-hour (lb/MWh)) gross output.
 - ii. Shall not burn any fuel that contains total potential sulfur emissions in excess of 26 ng SO₂ per Joule (0.06 lb SO₂ per MMBtu heat input).
- 11) Emission Units #116-BLR-1A and 116-BLR-2A shall not exceed the NO_x lb/hr emission rate stated in 1643-M1-1TR. Compliance with the NO_x lb/hr emission rate shall be based on the maximum tested lb/hr emission rate determined in 1643-M1-1TR and Table 7 above. Compliance with the NO_x tpy emissions utilizing natural gas as the fuel shall be determined by the following equation:

$$\text{NOx (tpy)} = \frac{(\text{lb/hr}) * (\text{Annual Hours of Operation})}{2000 \text{ lbs/ton}}$$

Where,

lb/hr= Maximum tested NOx lb/hr emission rate

- 12) Emission Units #116-BLR-1A and 116-BLR-2A shall not exceed the CO lb/hr emission rate stated in 1643-M1-1TR. Compliance with the CO lb/hr emission rate shall be based on the maximum tested lb/hr emission rate determined in 1643-M1-1TR. Compliance with the CO tpy emissions utilizing natural gas as the fuel shall be determined by the following equation;

$$\text{CO (tpy)} = \frac{(\text{lb/hr}) * (\text{Annual Hours of Operation})}{2000 \text{ lbs/ton}}$$

Where,

lb/hr= Maximum tested CO lb/hr emission rate

- 13) Emission Units #116-BLR-1A and 116-BLR-2A compliance with the VOC lb/hr emission rates shall be based on the verification of burning pipeline quality natural gas and compliance with PM lb/hr emission rates shall be based on compliance with 1643-M1-1TR.

B. Emergency Internal Combustion Engines Emission Requirements

Table 8. Emergency Engines

Emission Units	Emission Requirement
024-EG-1, 034-EG-1, 046-EG-1, 048-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 059-EG-1, 072-EG-1, 085-EG-1, 112-EG-1, 122-EG-1, 195-EG-1, 200-EG-1, 204-EG-1, 227-EG-1, 234-EG-1, 248-EG-1, 253-EG-1A, 260-EG-1, 266-EG-1, 288-EG-1, 289-EG-1, 291-EG-2, and 302-EG-1A	In accordance with 40 CFR 60, Subpart IIII, §60.4205, §60.4208, §60.4211 and 40 CFR 1039, Appendix I, the Units shall not exceed the more stringent of the allowable SO ₂ , CO, NMHC+NO _x *, PM ₁₀ and PM _{2.5} emission standards in 40 CFR 89.112 for the maximum permitted engine power or the pound per hour (lb/hr) and opacity emissions limits for their 2007 model year and later emergency stationary diesel engines. Compliance with emission limit requirements shall be shown by meeting §60.4211(b) and (c).
191-EG-1A and 253-EG-2	In accordance with 40 CFR 60, Subpart JJJJ, §60.4233, the Units shall comply with the emission standards for stationary spark ignited emergency engines manufactured after January 1, 2009. The Units shall not exceed the more stringent of the allowable CO and NO _x +NMHC, emission standards in 40 CFR 1054.105(a) for the maximum permitted engine power.

*EG engines that are subject to 40 CFR 60, Subpart IIII, the NO_x standard is based on a NMHC+NO_x standard. For example, the Tier 3 Emission factor (130<kW<560), NO_x is combined with NMHC (non-methane hydrocarbons), NO_x+NMHC is 4.0 g/kW-hr-NO_x manufacture data is 4.0 g/kW-hr; NMHC or VOC, is ~5% of the ef (CARB, Table D-25, 12/2011). For this permit, VOC and NO_x are shown separately

3.4 Emissions Monitoring and Testing Requirements

The following monitoring and/or testing requirements (except those requirements involving direct sampling of exhaust from an emission unit, and except those requirements that originate in an applicable requirement) shall be used as indicators of compliance with applicable requirements and emission limits. Monitoring that indicates the Facility may not be in compliance with those applicable requirements will require additional monitoring and/or testing of the affected emission units to be determined and as requested by the Department. Failure to perform the monitoring or testing required by this permit is non-compliance with this permit pursuant to 20.11.42.12.C(3) NMAC.

MONITORING AND TESTING REQUIREMENTS TABLE 9.

Emission Unit Nos.	Parameters to Monitor	To Comply With	Monitoring Required	Monitoring Method and Frequency
116-TRB-1 and 116-TRB-2	NO _x , CO	40 CFR 60 Subpart GG, and 40 CFR 60, Subpart KKKK, Construction Permit #1643-M1-1TR	Annual Performance Tests ¹⁰	See Condition 3.4.A.1) & 6)
116-TRB-1 and 116-TRB-2	NO _x , SO ₂ , CO	40 CFR 60 Subpart GG, and 40 CFR 60, Subpart KKKK, Construction Permit #1643-M1-1TR	Performance Tests	See Condition 3.4.A.2)
116-TRB-1 and 116-TRB-2	Visible Emissions	Construction Permit #1643-M1-1TR 20.11.05 NMAC	Opacity	See Condition 3.4.A.3)
116-BLR-1A and 116-BLR-2A	Visible Emissions	Construction Permit #1643-M1-1TR 20.11.05 NMAC	Opacity	See Condition 3.4.A.4)
116-BLR-1A and 116-BLR-2A	NO _x , CO	Construction Permit #1643-M1-1TR	Performance Test ⁹	See Conditions 3.4.A.5) & 6)
116-TRB-1 and 116-TRB-2	NO _x	40 CFR 60 Subpart GG, and 40 CFR 60, Subpart KKKK, Construction Permit #1643-M1-1TR	Approved Custom Fuel Monitoring Schedule	See Condition 3.4.A.7)
116-TRB-1 and 116-TRB-2	SO ₂	40 CFR 60 Subpart GG, and 40 CFR 60, Subpart KKKK, Construction Permit #1643-M1-1TR	Approved Custom Fuel Monitoring Schedule	See Condition 3.4.A.8)
116-BLR-1A and 116-BLR-2A	Daily Fuel Consumption	40 CFR 60, Subpart Dc §60.48c(g) Construction Permit #1643-M1-1TR	Recordkeeping	See Condition 3.4.A.9)
116-TRB-1, 116-TRB-2, 116-BLR-1A, and 116-BLR-2A	Twelve Month Calculated Emissions	Construction Permit #1643-M1-1TR	Recordkeeping	See Condition 3.4.A.10)
176-BLR-1, 176-BLR-2, and 176-BLR-3	Monthly Fuel Consumption	40 CFR 60, Subpart Dc §60.48c(g) Construction Permit #1601-M1-RV1	Recordkeeping	See Condition 3.4.B.1)
262-CRM-1	Visible Emissions	Construction Permit #1982, 20.11.5.13 NMAC	Opacity	See Condition 3.4.C.1)

¹⁰ Initial compliance tests were completed in a timely manner in accordance with permit 1643-M1-1TR..

Emission Unit Nos.	Parameters to Monitor	To Comply With	Monitoring Required	Monitoring Method and Frequency
262-CRM-1	Grain/dscf	Construction Permit #1982-1AR	Recordkeeping ¹¹	See Condition 3.4.C.1) & 2)
262-CRM-1	Natural Gas Usage and Average 24 Hour Charge Rate	Construction Permit #1982-1AR	Recordkeeping	See Condition 3.4.C.3)
024-EG-1, 034-EG-1, 046-EG-1, 048-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 059-EG-1, 060-EG-1, 072-EG-1, 083-EG-1, 085-EG-1, 112-EG-1, 116-EG-1A, 122-EG-1, 153-EG-1, 191-EG-1A, 194-EG-1, 195-EG-1, 200-EG-1, 204-EG-1, 205-EG-1, 211-EG-2, 211-EG-3, 227-EG-1, 228-EG-1, 234-EG-1A, 248-EG-1, 249-EG-1, 253-EG-1A, 253-EG-2, 260-EG-2, 266-EG-1, 288-EG-1, 289-EG-1, 291-EG-2, 338-EG-1, and 341-EG-1	Hours of Operation (200)	Refer to Section 3.2, Table 6.e. above, Regulatory Basis for the emergency engines.	Recordkeeping	See Condition 3.4.D.1)
301-EG-1, 311A-EB-1, and 311B-EB-1	Hours of Operation (300)	Refer to Section 3.2, Table 6.e. above, Regulatory Basis for the emergency engines	Recordkeeping	See Condition 3.4.D.1)
021-EG-1 and 302-EG-1A	Hours of Operation (500)	Refer to Section 3.2, Table 6.e. above, Regulatory Basis for the emergency engines	Recordkeeping	See Condition 3.4.D.1)
116-EG-1A	NO _x , CO and Opacity	Construction Permit #1662-RV1	Annual Performance Test	See Condition 3.4.D.2), 3) & 4)
216-AST-1A	Monthly Throughput	Construction Permit #0087-M1	Recordkeeping	See Condition 3.4.E.1)
CHEM	HAP Usage and VOC Usage	Refer to Section 3.2, Table 6.h.	Purchase Records	See Conditions 3.4.F.1) & 2)

¹¹ Initial Compliance testing was conducted in 2010.

Emission Unit Nos.	Parameters to Monitor	To Comply With	Monitoring Required	Monitoring Method and Frequency
116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A, 262-CRM-1, 176-BLR-1, 176-BLR-2, 176-BLR-3, 338-BLR-1,	CO ₂ , CH ₄ and N ₂ O	40 CFR 98 Mandatory Greenhouse Gas Reporting Subpart A - <u>General Provisions</u> and Subpart C – <u>General Stationary Fuel Combustion Sources.</u>	Recordkeeping	See Condition 3.4.G.1) & 2)

A. Ford Utilities Monitoring and Testing Requirements

- 1) Annual performance tests have been imposed and shall be conducted on Emission Units 116-TRB-1 and 116-TRB-2 to demonstrate continued compliance with the NO_x and CO emission limits established in of 1643-M1-1TR. The performance tests shall be conducted in accordance with Condition 6.c) of ATC #1643-M1.
- 2) Performance tests have been imposed following the replacement/substitution of the gas producer component of Emission Units 116-TRB-1 and 116-TRB-2 and shall be conducted to demonstrate compliance with the NO_x, SO₂ and CO emission limits established in permit 1643-M1-1TR. The performance tests shall be conducted in accordance with Condition 6.d) of 1643-M1-1TR.
- 3) In accordance with 1643-M1-1TR, Emission Units 116-TRB-1 and 116-TRB-2 shall not cause or allow visible air emissions to exceed 20 percent opacity for any six (6) minute timed average.
- 4) In accordance with 20.11.5.12 NMAC Emission Units 116-BLR-1A and 116-BLR-2A shall not cause or allow visible air contaminant emissions that exceed an opacity of 20 percent, 6-minute timed average while combusting natural gas.
- 5) Performance tests for Emission Units 116-BLR-1A and 116-BLR-2A shall be conducted twice every 5 years. These performance tests shall be conducted no more than 3 years and no less than 2 years apart to demonstrate compliance with the NO_x emission rates established in permit #1643-M1-1TR and the CO lb/hr emission rates established in Condition 2 (n) of 1643-M1-1TR. These compliance tests shall be conducted utilizing natural gas. This test has been imposed in accordance with 20.11.41.21 NMAC and shall be conducted in accordance with EPA Methods 7 and 10 “Determination of carbon monoxide and nitrogen oxide emissions from stationary sources” and the methods contained in Appendix A of 40 CFR, Part 60, unless otherwise approved by the Program.
- 6) Performance tests imposed in permit 1643-M1-1TR for Emission Units 116-TRB-1, 116-TRB-2, 116-BLR-1A and 116-BLR-2A shall be conducted at three points in the normal operating range to include the minimum, median, and peak load, unless the Program determines that emissions are highest at 90% or greater of load.
- 7) Monitoring of the nitrogen content of the fuel shall be conducted in accordance with the most current Custom Fuel Monitoring Schedule (CFMS) approved by the Program. In accordance with the approved Custom Fuel Monitoring Schedule for Emission Units 116-TRB-1 and 116-TRB-2 monitoring of fuel nitrogen content shall not be required while natural gas is the only fuel fired for this unit.
- 8) Monitoring of the sulfur content of the fuel shall be conducted in accordance with the most current Custom Fuel Monitoring Schedule (CFMS) approved by the Program. In accordance with the approved Custom Fuel Monitoring Schedule for Emission Units 116-TRB-1 and 116-TRB-2 monitoring of fuel sulfur content shall not be required while natural gas is the only fuel fired for this unit.

- 9) Monitor the daily natural gas usage in cubic feet and diesel fuel consumption in gallons for Emission Units # 116-BLR-1A and 116-BLR-2A pursuant to 40CFR §60.48c(g).
- 10) Monitor for Emission Units 116-TRB-1, 116-TRB-2, 116-BLR-1A and 116-BLR-2A twelve month calculated rolling tpy emissions for each pollutant.

B. Steam Plant Boiler Monitoring Requirements

- 1) Monitor the monthly natural gas fuel consumption for Emission Units 176-BLR-1, 176-BLR-2, and 176-BLR-3 in accordance with 40 CFR 60, Subpart Dc §60.48c(g).

C. ARF Crematorium Monitoring and Testing Requirements

- 1) In accordance with 20.11.5.13.A NMAC and Construction permit #1982-1AR Emission Unit 262-CRM-1 shall not cause or allow visible air emissions to exceed 5 percent opacity for any time interval including startup and shutdown.
- 2) Monitor the natural gas fuel usage and the average twenty-four hour charging rate.

D. Emergency Internal Combustion Engines Monitoring and Testing Requirements

- 1) Monitor monthly hours of operation of each emergency generator engine and emergency blowers.
- 2) Emission Unit 116-EG-1A is subject to annual compliance testing requirements under permit #1662-RV1 and shall comply with the compliance tests in accordance with the test methods/procedures found in 40 CFR §60, Appendix A, and the specific requirements found in each respective Permit which shall be conducted within 365 days of the previous compliance test.
- 3) Pursuant to 40 CFR §60.8(b)(4), the Department may waive the requirement for performance tests because the owner/operator (Permittee) of a source has demonstrated by other means to the Department's satisfaction that the affected facility is in compliance with the standard.
- 4) The annual compliance tests shall be conducted at ninety (90%) percent of the unit's permitted capacity or greater to demonstrate compliance with the permitted emission limits. Compliance testing at other than 90% production levels shall be performed at the Program's request and/or approval.

E. Above Ground Storage Tanks Monitoring and Testing Requirements

- 1) Monitor monthly throughput of Above Ground storage tank.

F. Chemical Usage Monitoring and Testing Requirements

- 1) For Emission Unit CHEM, the permittee shall monitor the monthly and annual VOC (non-HAP) emissions for all chemicals used at the facility based on a monthly 12-month rolling total of emissions for all VOCs (non-HAP) expressed in tons per month and tons per year.
- 2) For Emission Unit CHEM, the permittee shall monitor the amount of individual HAP and combined HAP emissions for all chemicals used at the facility based on a monthly 12-month rolling total of emissions for all individual HAPs and all combined HAPs expressed in tons per month and tons per year.

G. Mandatory Greenhouse Gas Monitoring and Reporting

- 1) Emission Units 116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A, 262-CRM-1, 176-BLR-1, 176-BLR-2, 176-BLR-3, and, 338-BLR-1 shall comply with the Monitoring requirements of the Federal Mandatory Greenhouse Gas Rule 40 CFR 98 Subpart A - General Provisions, and Subpart C - General Stationary Fuel

Combustion Sources.

- 2) Annual reporting is required to the Administrator, EPA, pursuant to 40 CFR 98.

H. Testing Notifications and Provisions

- 1) The permittee shall notify the Department at least thirty (30) days prior to the test date and allow a representative of the Department to be present at the test. When requested by the Department, the permittee shall arrange a pre-test meeting at least thirty (30) days prior to the test date.
- 2) When requested by the Department, the Permittee shall provide schedules of testing and monitoring activities.
- 3) Unless otherwise identified elsewhere in this permit or as specified under an applicable requirement, all monitoring requirements are effective 120 days after the date of permit issuance.
- 4) Pursuant to 20.11.41 NMAC and 20.11.42 NMAC, compliance tests may be imposed or re-imposed by the Department, in its sole discretion, if inspections of the source indicates non-compliance with Permit conditions or the previous test showed non-compliance or was technically unsatisfactory.

4.0 RECORDKEEPING

4.1 The Permittee shall follow the recordkeeping requirements listed below and provide any other information the Department may request to demonstrate the accuracy of the monitoring pursuant to 20.11.42.12.C.(3) & (4) NMAC.

RECORDKEEPING TABLE 10.

Emission Unit Nos.	Type of Data or Parameter Recorded	Recording Frequency
116-TRB-1, 116-TRB-2, 116-BLR-1A and 116-BLR-2A	Upset conditions, performance test results, fuel sulfur content, natural gas and diesel fuel consumption usage, and emissions	See Conditions 4.1.A.
176-BLR-1, 176-BLR-2, and 176-BLR-3	Natural Gas Usage	See Conditions 4.1.B.
262-CRM-1	Natural Gas Usage, volume of cremations	See Conditions 4.1.C.
024-EG-1, 034-EG-1, 046-EG-1, 048-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 059-EG-1, 060-EG-1, 072-EG-1, 083-EG-1, 085-EG-1, 112-EG-1, 116-EG-1A, 122-EG-1, 153-EG-1, 191-EG-1A, 194-EG-1, 195-EG-1, 200-EG-1, 204-EG-1, 205-EG-1, 211-EG-2, 211-EG-3, 227-EG-1, 228-EG-1, 234-EG-1A, 248-EG-1, 249-EG-1, 253-EG-1A, 253-EG-2, 260-EG-2, 266-EG-1, 288-EG-1, 289-EG-1, 291-EG-2, 338-EG-1, and 341-EG-1; 301-EG-1, 311A-EB-1, and 311B-EB-1; 021-EG-1 and 302-EG-1A	Operating Hours, Opacity Readings, Performance Test Results (as applicable)	See Conditions 4.1.D.

Emission Unit Nos.	Type of Data or Parameter Recorded	Recording Frequency
216-AST-1A	Monthly throughput	See Condition 4.1.E.
CHEM	Amount of HAP in tons/year and amount of VOC in tons/year	See Conditions 4.1.F.
116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A, 262-CRM-1, 259-H-8, 176-BLR-1, 176-BLR-2, 176-BLR-3, and 338-BLR-1	Greenhouse gas (GHG) emissions	See Condition 4.1.G.

A. Ford Utilities Recordkeeping Requirements

- 1) Shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in operation of the affected facility in accordance with 40CFR § 60.7 (b).
- 2) Shall maintain a file of all measurements including performance test measurements in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records in accordance with 40CFR § 60.7 (f).
- 3) Shall maintain records of the sulfur content of the fuel consistent with the monitoring requirements of sulfur in #1643-M1-1TR.
- 4) Shall maintain and record the daily natural gas in cubic feet usage and diesel fuel consumption in gallons for emission units 116-BLR-1A and 116-BLR-2A in accordance with 40 CFR § 60.48c(g). Fuel consumption records shall be maintained for a period of two years in accordance with 40CFR §60.48(i).
- 5) Shall maintain and record emission units 116-TRB-1, 116-TRB-2, 116-BLR-1A and 116-BLR-2A twelve month calculated rolling tpy emissions for each pollutant.

B. Steam Plant Boiler Recordkeeping Requirements

Maintain and record the monthly natural gas fuel consumption for Emission Units 176-BLR-1, 176-BLR-2, and 176-BLR-3 in accordance with 40 CFR 60, Subpart Dc §60.48c(g). Fuel consumption records shall be maintained for a period of two years in accordance with 40 CFR 60, Subpart Dc §60.48c(i).

C. ARF Crematorium Recordkeeping Requirements

- 1) Maintain an accurate log of the total natural gas usage in cubic feet, as both a monthly total and as a 12-month rolling total.
- 2) Maintain an accurate daily log of the volume, in cubic yards, of the cremations and the charge rate when burning animal remains at any given time.

D. Emergency Internal Combustion Engines (RICE and SI ICE) Recordkeeping Requirements

- 1) Maintain a record of monthly hours of operation for each of the emergency engines and blowers. This record shall also show the total hours of operation in any given 12-month period.
- 2) Maintain records of all test results for emergency engines subject to compliance testing and opacity readings.

E. Above Ground Storage Tank Recordkeeping Requirements

- 1) Maintain monthly throughput of underground storage for Emission Unit 216-AST-1A.
- 2) For Emission Unit 216-AST-1A gasoline throughput records must be available within 24 hours of a request by the Administrator in accordance with 40CFR §63.11117(d).

F. Chemical Usage Recordkeeping Requirements

- 1) For CHEM unit, maintain records of VOC (non-HAP) emissions for the facility. The records shall be based on monthly product usage records, and the weight percent of VOC composition based on SDS records. Once an initial 12-month period is established, this record shall contain a monthly 12-month rolling total of emissions for all VOCs (non-HAP) expressed in tons per month and tons per year.
- 2) Maintain records of the VOC (Non-HAP) emissions in tons based on a 12-month rolling total. For Emission Unit CHEM, maintain a record of individual HAP and combined HAP emissions that contains any HAP listed in Section 112(b) of the Federal Clean Air Act for the facility. This record shall be based on monthly product usage records, and the weight percent of HAP composition based on SDS records. Once an initial 12-month period is established, this record shall contain a monthly 12-month rolling total of emissions for all individual HAPs and all combined HAPs expressed in tons per month and tons per year.

G. Mandatory Greenhouse Gas Reporting Rule – Recordkeeping Requirements

- 1) Records shall be retained and reported annually to the EPA pursuant to 40 CFR 98.37.

Conditions of 4.1 are pursuant to 20.11.42.12.C.(3).(a) and (4).(a) NMAC

4.2 Data Recording Requirements - All sampling and measured data required by this permit for the emissions units in this facility shall be recorded. The minimum information to be included in these records is:

- 1) the date, place as defined in the permit, and time of sampling or measurements;
- 2) the date(s) analyses were performed;
- 3) the company or entity that performed the analyses;
- 4) the analytical techniques or methods used;
- 5) the results of such analyses; and
- 6) the operating conditions existing at the time of sampling or measurement.

4.3 Maintenance of Records - The Permittee shall keep copies of all monitoring and measurement data, equipment calibration and maintenance records, original strip charts for Continuous Emission Monitoring instruments if used, other supporting information, and reports required by this permit for at least five (5) years from the time the data was gathered or the reports written. Each record shall show clearly to which emissions unit and/or piece of monitoring equipment it applies, and the date the data was gathered.

Condition 4.3 is pursuant to 20.11.42.12.C.(4).(b) NMAC.

4.4 Off-Permit Changes - The Permittee shall keep a record describing off permit changes made at this source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes.

Condition 4.4 is pursuant to 20.11.42.12.C.(8).(b) NMAC.

5.0 REPORTING

5.1 Monitoring Reports - Reports of all required monitoring activities for the Facility shall be submitted to the Operating Permit #0536-RN2

Department according to the following schedule pursuant to 20.11.42.12.C.(5) NMAC:

REPORTING REQUIREMENTS TABLE 11.

Emission Unit Nos.	Report Content	Schedule of Report Submittal¹²
116-TRB-1 and 116-TRB-2	See Condition 5.1.A.1), 2) & 3)	See Condition 5.1.A.1), 2) & 3)
116-BLR-1A and 116-BLR-2A	See Condition 5.1.A.4)	Semi-Annual - May 15 th to November 15 th ; November 14 th to May 14 th . Due within 45 days to Department
116-TRB-1, 116-TRB-2, 116-BLR-1A, and 116-BLR-2A	See Condition 5.1.A.5)	Semi-Annual - May 15 th to November 15 th ; November 14 th to May 14 th . Due within 45 days to Department
176-BLR-1, 176-BLR-2, and 176-BLR-3	See Condition 5.1.B.	Semi-Annual - May 15 th to November 15 th ; November 14 th to May 14 th . Due within 45 days to Department
262-CRM-1	See Condition 5.1.C.	Semi-Annual - May 15 th to November 15 th ; November 14 th to May 14 th . Due within 45 days to Department
024-EG-1, 034-EG-1, 046-EG-1, 048-EG-1, 053-EG-1, 057-EG-1, 058-EG-1, 059-EG-1, 060-EG-1, 072-EG-1, 083-EG-1, 085-EG-1, 112-EG-1, 116-EG-1A, 122-EG-1, 153-EG-1, 191-EG-1A, 194-EG-1, 195-EG-1, 200-EG-1, 204-EG-1, 205-EG-1, 211-EG-2, 211-EG-3, 227-EG-1, 228-EG-1, 234-EG-1A, 248-EG-1, 249-EG-1, 253-EG-1A, 253-EG-2, 260-EG-2, 266-EG-1, 288-EG-1, 289-EG-1, 291-EG-2, 338-EG-1, and 341-EG-1; 301-EG-1, 311A-EB-1, and 311B-EB-1; 021-EG-1 and 302-EG-1A	See Condition 5.1.D.	Semi-Annual - May 15 th to November 15 th ; November 14 th to May 14 th . Due within 45 days to Department
216-AST-1A	See Condition 5.1.E	Semi-Annual - May 15 th to November 15 th ; November 14 th to May 14 th . Due within 45 days to Department
CHEM	See Conditions 5.1.F.	Semi-Annual - May 15 th to November 15 th ; November 14 th to May 14 th . Due within 45 days to Department
116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A, 262-CRM-1, 259-H-8, 176-BLR-1, 176-BLR-2, 176-BLR-3, and 338-BLR-1	See Condition 5.1.G.	The annual GHG report must be submitted to the EPA no later than March 31 of each calendar year for GHG emissions in the previous year

¹² Submittal dates for semi-annual and annual compliance reports were established in previous Title V permit.

Emission Unit Nos.	Report Content	Schedule of Report Submittal ¹²
Facility Wide	Annual Emissions Report	By March 15 of every year, an updated annual (January 1 through December 31 of previous calendar year) emissions inventory for the Facility, together with descriptions of any reconfiguration of process technology and air pollution equipment, which shall include annual hours of operation, and the annual production throughput in tons.
Facility Wide	Annual Compliance Certification	May 14 th – annually; due within 30 days to Department
Facility Wide	Annual Greenhouse Gas Reporting	Annually due by March 31 to USEPA

A. Ford Utilities Reporting Requirements

- 1) Report the replacement/substitution of the gas producer component prior to replacement/substitution.
- 2) Report the actual date of occurrence for the replacement/substitution of the gas producer component within thirty (30) days of the replacement/substitution.
- 3) Report the make, model number, serial number, date of manufacture, and the manufacturer’s rated horsepower of the replacement/substitute gas producer component within 30 days of the replacement/substitution.
- 4) Report the daily natural gas usage in cubic feet and diesel fuel consumption in gallons for Emission Units 116-BLR-1A and 116-BLR-2A.
- 5) Report the 12-month calculated rolling tpy emissions for each pollutant for Emission Units 116-TRB-1, 116-TRB-2, 116-BLR-1A and 116-BLR-2A.

B. Steam Plant Boiler Reporting Requirements

Report the monthly natural gas fuel consumption for Emission Units 176-BLR-1, 176-BLR-2, and 176-BLR-3.

C. ARF Crematorium Reporting Requirements

Report the monthly hours of operation, monthly natural gas usage in cubic feet, and the daily log of the volume, in cubic yards, of the cremations for Emission Unit 262-CRM-1.

D. Emergency Internal Combustion Engines Reporting Requirements

Report the monthly hours of operation for each emergency generator or blower based on a rolling 12-month total.

E. Above Ground Storage Tank Reporting Requirements

- 1) Report the monthly throughput of gasoline for Emission Unit 216-AST-1A.
- 2) Report all applicable notification pursuant to 40 CFR 63, Subpart CCCCCC:
 - i. You must submit a Notification of Compliance Status to the Department, as specified in §63.13, in accordance with the schedule specified in §63.9(h). The Notification of Compliance Status must be signed by a responsible official who must certify its accuracy and must indicate whether the source has complied with the requirements of this subpart. If your facility is in compliance with the requirements of this subpart at the time the Initial Notification required under paragraph (a)(1) of this section is due,

the Notification of Compliance Status may be submitted in lieu of the Initial Notification provided it contains the information required under paragraph (a)(1) of this section; and

- ii. Sources in Bernalillo county that are in compliance with a 20.11.41 NMAC, Authority to Construct permit should be meeting the 20.11.65 NMAC, Volatile Organic Compounds requirements for submerged fill pipe and vapor loss control system for loading of fuel storage tanks and vapor recovery, and therefore should not have to submit an Initial Notification or a Notification of Compliance Status. The unit received a construction permit through 20.11.41 NMAC; therefore, Initial Notifications and Notifications of Compliance Status are met through the permitting process and through the inspection program.

F. Chemical Usage Reporting Requirements

- 1) For Emission Unit CHEM, report the monthly amount of individual HAPs and combined HAPs in tons utilizing the product usage records and the weight percent of HAP composition based on the Safety Data Sheets.
- 2) For Emission Unit CHEM, report the monthly amount of VOC (non-HAP) emissions in tons utilizing the product usage records and the weight percent of VOC composition based on the Safety Data Sheets.

G. Mandatory Greenhouse Gas Reporting Rule – Reporting Requirements

Pursuant to § 98.36(a) – Data reporting requirements, in addition to the facility-level information required under §98.3, the annual GHG emission report shall contain the unit-level or process-level emission data in paragraphs (b) through (d) of § 98.36 (as applicable) and the emissions verification data in paragraph (e) of § 98.36 for Emission Units #116-TRB-1, 116-TRB-2, 116-BLR-1A, 116-BLR-2A, 262-CRM-1, 259-H-8, 176-BLR-1, 176-BLR-2, 176-BLR-3, and 338-BLR-1. All Mandatory Greenhouse Gas Reporting shall be submitted to the EPA by March 31, of each calendar year.

5.2 Reporting Deviations - The Permittee shall submit reports of all deviations (including emergencies) from permit requirements to the Department when they occur. The permittee shall communicate initial notice of the deviation to the Department within twenty-four (24) hours of the start of the first business day following the start of the occurrence via telephone or facsimile. Within ten (10) calendar days of the start of the first business day following the start of the occurrence, written notice using the Deviation Form and Emergency Notification Form (attached to this permit) shall be submitted to the Department.

Condition 5.2 is pursuant to 20.11.42.12.C.(5).(b) NMAC.

5.3 Reporting Excess Emissions - The Permittee shall submit reports of all excess emissions to the Department. The Permittee shall report the excess emissions to the Department with written notice using the Excess Emission Reporting Form (attached to this permit). The Permittee of a source having excess emissions shall report the following information to the Department:

- i. **INITIAL REPORT:** The Permittee shall file an initial report, no later than the end of the next regular business day after the time of discovery of an excess emission pursuant to 20.11.49.15.A(1) NMAC, Only Locally Enforceable;
- ii. **FINAL REPORT:** The Permittee shall file a final report, no later than 10 days after the end of the excess emission. If the period of an excess emission extends beyond 10 days, the permittee shall submit the final report to the Program within 72 hours of the date and time the excess emission ceased. This condition is pursuant to 20.11.49.15.A(2) NMAC and 20.11.49.15.C NMAC, Only Locally Enforceable; and,
- iii. **ALTERNATIVE REPORTING:** If the facility is subject to the reporting requirements of 40 CFR Parts, 60, 61, and 63 and the federal requirements duplicate the requirements of 20.11.49.15 NMAC, then the federal reporting requirements shall suffice. This condition is pursuant to 20.11.49.15.D NMAC which is Only Locally Enforceable.

6.0 COMPLIANCE

6.1 Compliance Certification

- A.** The Permittee shall submit compliance certification reports certifying the compliance status of this facility with respect to all applicable requirements. These reports shall be made on copies of the Compliance Certification Report Form (attached to this permit) and submitted to the Department and to EPA every 12 months, commencing 12 months following the permit. This report is due no later than 30 days after each anniversary of the date of permit issuance.
- B.** For sources that have submitted air dispersion modeling that demonstrates compliance with state and federal standards in accordance with sections 20.11.8.11 NMAC and 20.11.8.12 NMAC, compliance with the terms and conditions of this permit regarding source emissions and operation shall be deemed to be compliance with state and federal ambient air quality standards (20.11.8 NMAC Ambient Air Quality Standards and 40 CFR 50, NAAQS).

Condition 6.1 is pursuant to 20.11.42.12.C.(5).(c) NMAC

6.2 Inspections

The Permittee shall allow representatives of the Department, upon presentation of credentials and other documents as may be required by law, to do the following:

- 1) enter the Permittee's premises where a source or emission unit is located, or where records that are required by this permit to be maintained are kept,
- 2) have access to and copy, at reasonable times, any records that are required by this permit to be maintained,
- 3) inspect any facilities, equipment (including monitoring and air pollution control equipment), work practices or operation regulated or required under the permit,
- 4) sample or monitor any substances or parameters for the purpose of assuring compliance with this permit or applicable requirements or as otherwise authorized by the federal Act.

Condition 6.2 is pursuant to 20.11.42.12.C.(6).(a) NMAC

6.3 Posting of Permit

A copy of this permit shall be kept at the permitted facility and shall be made available to Department personnel for inspection upon request.

Condition 6.3 is pursuant to 20.11.42.12.C.(6).(c) NMAC.

7.0 PERMIT REOPENING AND REVOCATION

7.1 This permit will be reopened and revised pursuant to 20.11.42.13.F.(1).(a) NMAC when any one of the following conditions occurs, and may be revoked and reissued when Conditions 3) & 4) below occurs:

- 1) Additional requirements under the Federal Act become applicable to this source three (3) or more years before the expiration date of this permit. If the effective date of the requirement is later than the expiration date of this permit, then the permit is not required to be reopened unless the original permit or any of its terms and conditions has been extended due to the Department's failure to take timely action on a request by the Permittee to renew this permit.
- 2) Additional requirements, including excess emissions requirements, become applicable to this source under Title IV of the federal Act (the acid rain program). Upon approval by the Administrator, excess emissions offset plans will be incorporated into this permit.

- 3) The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the terms and conditions of the permit.
 - 4) The Department or the Administrator determines that the permit must be revised or revoked and reissued to assure compliance with an applicable requirement.
- 7.2 Proceedings to reopen or revoke this permit shall affect only those parts of this permit for which cause to reopen or revoke exists. Emissions units for which permit conditions have been revoked shall not be operated until new permit conditions have been issued for them.

Condition 7.2 is pursuant to 20.11.42.13.F.(1).(b) NMAC.

8.0 CERTIFICATION

A responsible official, as defined in 20.11.42 NMAC shall certify the accuracy, truth, and completeness of every report and compliance certification submitted to the Program or to the EPA as required by any permit condition or applicable requirement.

Condition 8.0 is pursuant to 20.11.42.12.A.(5) NMAC.

9.0 CONFIDENTIAL INFORMATION

- 9.1 Any records, reports, or information obtained by the Department shall be available to the public, except upon the Permittee's ability to demonstrate to the Department that records, reports, or information, or particular sections thereof, would divulge confidential business records, methods, or processes entitled to protection as a trade secret. However, emission data will not be treated as confidential information. Confidential information, upon request, shall be disclosed to any officer, employee, or other authorized representative of the Department, the New Mexico Environment Department, or the EPA, or during any relevant proceedings under the A/BCAQCB Regulations, the Air Quality Control Act, or the Federal Act pursuant to 20.11.42 NMAC and 74-2-11 NMSA.
- 9.2 All confidentially claims made regarding material submitted to the Department under 20.11.42.12.B NMAC shall be reviewed in accordance with the provisions of the Joint Air Quality Board Ordinances pursuant to the New Mexico Air Quality Control Act, 74-2-11 NMSA 1978, and the New Mexico Inspection of Public Records Act, 14-2-1 et seq. NMSA 1978.
- 9.3 In the case where an applicant or Permittee has submitted information to the Department under a claim of confidentiality, the Department may also require the applicant or Facility to submit a copy of such information directly to the Administrator.
- 9.4 An operating permit is a public record, and not entitled to protection under Section 114(c) of the Federal Act.

Condition 9.0 is pursuant to 20.11.42.12.B NMAC

10.0 AIRBORNE PARTICULATE MATTER

- 10.1 The Permittee shall be subject to the requirements found in 20.11.20 NMAC – Fugitive Dust Control if it is engaged with new construction or site modification involving active operations that result in disturbed surface areas or involve bulk material handling to prevent or abate injury to human health and animal and plant life and to prevent or abate unreasonable interference with public welfare, visibility and the reasonable use of property pursuant to 20.11.20 NMAC.
- 10.2 Each person shall use reasonably available control measures or any other effective control measure to prevent a violation of the national ambient air quality standards and meet the objective established in 20.11.20.6 NMAC, whether or not the person has been issued a fugitive dust control permit. No person shall allow fugitive dust,

track out, or transported material from any active operation, open storage pile, paved or unpaved roadway or disturbed surface area, or inactive disturbed surface area to be carried beyond the property line, right-of-way, easement or any other area under control of the person generating or allowing the fugitive dust if the fugitive dust will: 1) adversely affect the health, public welfare or safety of the residents of Bernalillo county; or 2) impair visibility or the reasonable use of property; or 3) be visible longer than a total of 15 minutes in any one hour observation period using the visible fugitive dust detection method in 20.11.20.26 NMAC or an equivalent method approved in writing by the department. To mitigate fugitive dust, all inactive disturbed surface areas must be stabilized and maintained in stable condition by the owner, operator, or person responsible for maintenance of the disturbed surface. Failure to comply with this condition shall be a violation of 20.11.20 NMAC.

Condition 10.0 is pursuant to 20.11.20 NMAC.

11.0 CREDIBLE EVIDENCE

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information."

12.0 ANNUAL FEES

Compliance will be based on the receipt of the annual emissions fee due each year to the Program pursuant to 40 CFR Part 70.9. Every owner or operator of a source that is required to obtain a source registration, a construction permit, an operating permit, or a preconstruction permit shall pay an annual emissions fee.

Condition 12.0 is pursuant to 40 CFR Part 70.9, 20.11.2 NMAC, 20.11.40 NMAC, 20.11.41 NMAC, 20.11.42 NMAC, 20.11.60 NMAC, 20.11.61 NMAC, or 20.11.62 NMAC.

Facility Wide Fee Pollutants (Tons Per Year)

Fee Pollutant	Facility Wide Fee Pollutant Totals in Tons per Year (TPY)
Oxides of Nitrogen (NO _x)	139
Carbon Monoxide (CO)	158
PM ₁₀ /PM _{2.5}	17
Sulfur Dioxide (SO ₂)	31
Volatile Organic Compounds (VOC)	54
Hazardous Air Pollutants (HAPs)	10
Facility Wide Fee Pollutants Totals (TPY)	407

13.0 APPEAL PROCEDURES

Any person who participated in this permitting action before the Department and who is adversely affected by the action taken by the Department concerning this permit, may file a petition for a hearing before the Albuquerque/Bernalillo

County Air Quality Control Board (Board). The petition must be made in writing to the board within thirty (30) days from the date notice is given of the Department's action. This petition must specify the portions of the permitting action to which the petitioner objects and certify that a copy of the petition has been mailed or hand-delivered as required by 20.11.42.13.D.(1).(b) NMAC; a copy of the permitting action for which review is sought must be attached to the petition. Upon receipt of the appeal notice, the petitioner must mail or deliver a copy of the petition to the Department, and to the applicant or permittee if the petitioner is not the applicant/permittee. Requests for a hearing shall be sent to:

Secretary, Albuquerque/Bernalillo County Air Quality Control Board
One Civic Plaza
400 Marquette, NW
P.O. Box 1293
Albuquerque, New Mexico 87103

Unless a timely request for a hearing is made, the decision of the Department will be final. If a timely request for hearing is made, the board will hold a hearing within ninety (90) days of receipt of the petition in accordance with the New Mexico Air Quality Control Act NMSA 1978 74-2-7 and 20.11.42.13.D.(1).(c) NMAC.

Any person who is adversely affected by an administrative action taken by the board pursuant to 20.11.42.13.D.(1).(a) NMAC may appeal to the Court of Appeals in accordance with New Mexico Air Quality Control Act NMSA 1978 74-2-9. Petitions for judicial review must be filed no later than thirty (30) days after the administrative action.

Condition 13.0 is pursuant to 20.11.42.13.D.(2) NMAC and New Mexico Air Quality Control Act NMSA 1978 74-2-9.

14.0 SUBMITTAL OF REPORTS AND CERTIFICATIONS

Application for Permit amendments or modifications shall be submitted to:

Albuquerque Environmental Health Department
Air Quality Program
Attention: Permitting Supervisor
P.O. Box 1293
Albuquerque, New Mexico 87103

Test protocols and compliance test reports shall be submitted to:

Albuquerque Environmental Health Department
Air Quality Program
Attention: Enforcement Supervisor
P.O. Box 1293
Albuquerque, New Mexico 87103

All compliance reports shall be submitted to:

Albuquerque Environmental Health Department
Air Quality Program
Attention: Compliance Supervisor
P.O. Box 1293
Albuquerque, New Mexico 87103

EPA Address -- All correspondence to the EPA required by this permit shall be sent to the following address:

Director, Compliance Assurance and Enforcement Division
U.S. EPA, Region 6
1445 Ross Ave., Suite 700

Dallas, TX 75202

Questions about this permit should be referred to Manager of the Permitting Section of the Air Quality Program in Albuquerque at 505-768-1962.

15.0 REFERENCED ATTACHMENTS

The referenced applicable reports and certifications for this Permit are attached below:

- Attachments: 1. Excess Emission Reporting Form and Instructions – Only Locally Enforceable
2. Compliance Certification Report Form

Attachment 1

Excess Emission Reporting Form and Instructions-Only Locally Enforceable



Excess Emissions Part
49 Form- Rev. 2- 5.20

Attachment 2

Compliance Certification Report Form



TitleV_AnnualCompliance_Cert.pdf