BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Agency Interest No. 39922
Activity No.: PER20080003

Mr. Peter M. Kirsch
CenterPoint Energy Field Services, Inc.
1111 Louisiana, 11th Floor
Houston, Texas 77002

RE: Part 70 operating permit modification, Foxskin Compressor Station, CenterPoint Energy Field Services, Inc., Oakland, Bossier Parish, Louisiana

Dear Mr. Kirsch:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 operating permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and Agency Interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2009.

Permit No.: 0400-00002-V6

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN/DCN
cc: EPA Region 6

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

FOXSKIN COMPRESSOR STATION
AGENCY INTEREST NO. 39922
CENTERPOINT ENERGY FIELD SERVICES, INC.
OAKLAND, BOSSIER PARISH, LOUISIANA

I. Background

CenterPoint Energy Field Services, Inc. owns and operates the Foxskin Compressor Station, near Oakland, Bossier Parish under Part 70 Operating Permit 0400-00002-V5, dated March 13, 2007 and the amendments dated September 4, 2007, November 20, 2007, and May 20, 2008.

II. Origin

A permit application dated August 14, 2008 was submitted requesting a Part 70 operating permit modification.

III. Description

Natural gas from offsite wells is routed to separators to remove any entrained liquid prior to being compressed and dehydrated. The dry gas is then sent to a downstream natural gas plant. Vents from the glycol dehydrator still columns are routed through condensers and then burned in the reboilers' fireboxes. CenterPoint Energy Field Services requests a permit modification to 1) construct ten compressor engines, three glycol dehydration units, and six condensate storage tanks; 2) add oxidation catalyst on an existing compressor engine; 3) increase tank truck loading; 4) remove the pressurized tank; and 5) recalculate fugitive emissions. Permitted emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM/PM_{10}	4.60	9.14	+ 4.54
SO_2	0.29	0.59	+ 0.30
NO_x	247.85	482.47	+ 234.62
CO	236.44	234.21	- 2.23
VOC (*)	120.42	239.75	+ 119.33

(*) LAC 33:III Chapter 51 Toxic Air Pollutant (TAPs):			
Acrolein	-	2.508	+ 2.508
Acetaldehyde	0.38	4.75	+ 4.37
Benzene	1.00	4.67	+ 3.67
Ethyl benzene	0.03	0.05	+ 0.02
Formaldehyde	8.49	18.33	+ 9.84
Methanol	1.79	2.94	+ 1.15
n-Hexane	1.35	3.20	+ 1.85
Toluene	1.06	3.92	+ 2.86

Pollutant	Before	After	Change
Xylenes	0.16	0.92	+ 0.76
Total	14.26	41.288	+ 27.028

IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, NESHAP, and NSPS. PSD does not apply. Formaldehyde emissions are from natural gas fired engines. Therefore, these emissions are exempt from the Louisiana Air Toxic Regulations. The facility is classified as a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Formaldehyde emissions are above the Hazardous Air Pollutants (HAP) major source threshold of 10 tons per year. The station is considered a major source of HAP under the federal program.

V. 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.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, and in the *XXX*, on XXX, and was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List. The permit application, the proposed permit, and the Statement of Basis were submitted to the Bossier Parish Library – XXX Branch. The proposed permit and the Statement of Basis were submitted to US EPA Region 6. All comments will be considered prior to a permit decision.

VII. Effects on Ambient Air

Emissions were reviewed by the Air Quality Assessment Division to ensure compliance with the National Ambient Air Quality Standards (NAAQS) and Louisiana Ambient Air Standards (AAS). The proposed project did not require the applicant to model emissions.

Models used: ISCST3 (screen)

Pollutant	Averaging Period	Calculated Maximum Ground Level Concentration ($\mu g/m^3$)	NAAQS or (AAS) ($\mu g/m^3$)
NO_X	Annual	28.4	100
Acetaldehyde	Annual	0.26	(45.50)
Acrolein	8-hour	2.30	(5.40)
Benzene	Annual	2.78	(12.00)
Formaldehyde	Annual	0.99	(7.69)

VIII. General Condition XVII Activities

ID No.:	Description	VOC Emissions (TPY)
	Gas Sampling	< 0.10
	Safety Inspections/Checks on Pressure/Vacuum Vents and Tanks	< 0.10
	Inspections on Control Devices	< 0.10
	Service Factors on Control Devices	< 0.10
	Removal of Tank Sludge	< 0.10
	Vessel Preparation	< 0.10
	Instrument Maintenance	< 0.10
	Tank Gauging	< 0.10
	Removal of Solids from Sumps	< 0.10
	Nitrogen Blowing of Lines and Equipment	< 0.10
	Valve Maintenance	< 0.10
	Miscellaneous Equipment Preparation	< 0.10

IX. Insignificant Activities (LAC 33:III.501.B.5)

ID No.:	Description	Capacity	Citation
	Lube Oil Tanks (19)	500 gallons each	A.3
	Triethylene Glycol Tanks (6)	1000 gallons each	A.3
	Ethylene Glycol Tanks (2)	500 gallons each	A.3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

FOXSKIN COMPRESSOR STATION
AGENCY INTEREST NO. 39922
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OAKLAND, BOSSIER PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter							
		2103	2107	2111	2113	2116	5▲	9	11	13	15	51*	56	59
EQT0002	4-99A - Glycol Dehydrator # 1 Reboiler								1	1	3			
EQT0003	4-99B - Glycol Dehydrator # 1 Still Column Vent / Condenser					1								
EQT0005	7-99A - Glycol Dehydrator # 2 Reboiler								1	1	3			
EQT0006	7-99B - Glycol Dehydrator # 2 Still Column Vent / Condenser					1								
EQT0008	12-99 - Tank Truck Loading		3											
EQT0009	15-99 - Methanol Storage Tank #1	1												
EQT0010	16-99 - Methanol Storage Tank #2	1												
EQT0011	1-01 - Compressor Engine Caterpillar G3606TA								1	1	3			
EQT0012	2-01 - Condensate Storage Tank	3												
EQT0013	3-01 - Condensate Storage Tank	3												
EQT0014	1-02 - Compressor Engine Waukesha L7042GSI with Catalytic Converter								1	1	3			
EQT0016	2-06 - Compressor Engine Caterpillar G3606 TA with Oxidation Catalyst								1	1	3			
EQT0017	1-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter								1	1	3			
EQT0018	3-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter								1	1	3			
EQT0019	4-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0020	5-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0021	6-06A - Glycol Dehydrator # 3 Reboiler								1	1	3			
EQT0022	6-06B - Glycol Dehydrator # 3 Still Column Vent / Condenser					1								
EQT0023	7-06 - Condensate Storage Tank	3												
EQT0024	8-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter								1	1	3			
EQT0025	1-07 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0026	1-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0027	2-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0028	3-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0029	4-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III.Chapter							
		2103	2107	2111	2113	2116	5▲	9	11	13	15	51*	56	59
EQT0030	5-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0031	6-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0032	7-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0033	8-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0034	9-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0035	10-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst								1	1	3			
EQT0036	11-08A - Glycol Dehydrator # 4 Reboiler								1	1	3			
EQT0037	11-08B - Glycol Dehydrator # 4 Still Column Vent / Condenser					1								
EQT0038	12-08A - Glycol Dehydrator # 5 Reboiler								1	1	3			
EQT0039	12-08B - Glycol Dehydrator # 5 Still Column Vent / Condenser					1								
EQT0040	13-08A - Glycol Dehydrator # 6 Reboiler								1	1	3			
EQT0041	13-08B - Glycol Dehydrator # 6 Still Column Vent / Condenser					1								
EQT0042	14-08 - Condensate Storage Tank	3												
EQT0043	15-08 - Condensate Storage Tank	3												
EQT0044	16-08 - Condensate Storage Tank	3												
EQT0045	17-08 - Condensate Storage Tank	3												
EQT0046	18-08 - Condensate Storage Tank	3												
EQT0047	19-08 - Condensate Storage Tank	3												
FUG0001	3-99 - Fugitive Emissions			1										
UNF0001	Foxskin Compressor Station				1		1	1	1	1		2	1	3

KEY TO MATRIX

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63				40 CFR		
		A	Kb	BB	JJJJ	A	F	M	A	F	HH	ZZZZ	52	64	68
EQT0002	4-99A - Glycol Dehydrator # 1 Reboiler														
EQT0003	4-99B - Glycol Dehydrator # 1 Still Column Vent / Condenser								1		1				
EQT0005	7-99A - Glycol Dehydrator # 2 Reboiler														
EQT0006	7-99B - Glycol Dehydrator # 2 Still Column Vent / Condenser								1		1				
EQT0008	12-99 - Tank Truck Loading														
EQT0009	15-99 - Methanol Storage Tank #1		3												
EQT0010	16-99 - Methanol Storage Tank #2		3												
EQT0011	1-01 - Compressor Engine Caterpillar G3606TA				3							3			
EQT0012	2-01 - Condensate Storage Tank		3												
EQT0013	3-01 - Condensate Storage Tank		3												
EQT0014	1-02 - Compressor Engine Waukesha L7042GSI with Catalytic Converter				3				1			1		1	
EQT0016	2-06 - Compressor Engine Caterpillar G3606 TA with Oxidation Catalyst				3				1			1			
EQT0017	1-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter				3				1			1		1	
EQT0018	3-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter				3				1			1		1	
EQT0019	4-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				3				1			1			
EQT0020	5-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				3				1			1			
EQT0021	6-06A - Glycol Dehydrator # 3 Reboiler														
EQT0022	6-06B - Glycol Dehydrator # 3 Still Column Vent / Condenser								1		1				
EQT0023	7-06 - Condensate Storage Tank		3												
EQT0024	8-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter				3				1			1		1	
EQT0025	1-07 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				3				1			1			
EQT0026	1-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1				1			1			
EQT0027	2-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1				1			1			
EQT0028	3-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1				1			1			
EQT0029	4-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1				1			1			
EQT0030	5-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1				1			1			
EQT0031	6-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1				1			1			

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60				40 CFR 61			40 CFR 63				40 CFR		
		A	Kb	BB	JJJJ	A	F	M	A	F	HH	ZZZZ	52	64	68
EQT0032	7-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1					1		1			
EQT0033	8-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1					1		1			
EQT0034	9-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1					1		1			
EQT0035	10-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst				1					1		1			
EQT0036	11-08A - Glycol Dehydrator # 4 Reboiler														
EQT0037	11-08B - Glycol Dehydrator # 4 Still Column Vent / Condenser										1				
EQT0038	12-08A - Glycol Dehydrator # 5 Reboiler														
EQT0039	12-08B - Glycol Dehydrator # 5 Still Column Vent / Condenser										1				
EQT0040	13-08A - Glycol Dehydrator # 6 Reboiler														
EQT0041	13-08B - Glycol Dehydrator # 6 Still Column Vent / Condenser										1				
EQT0042	14-08 - Condensate Storage Tank		3												
EQT0043	15-08 - Condensate Storage Tank		3												
EQT0044	16-08 - Condensate Storage Tank		3												
EQT0045	17-08 - Condensate Storage Tank		3												
EQT0046	18-08 - Condensate Storage Tank		3												
EQT0047	19-08 - Condensate Storage Tank		3												
FUG0001	3-99 - Fugitive Emissions														
UNF0001	Foxskin Compressor Station	1							1						3

KEY TO MATRIX

1 - The regulations have applicable requirements which apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT0002, EQT0005, EQT0021 EQT0021, EQT0036, EQT0040	LAC 33:III.Chapter 15	Does not apply	LAC 33:III.1502.A.3	SO_2 emissions < 5 tons/yr
EQT0008	LAC 33:III.2107	Does not apply	LAC 33:III.2107.F	Load condensate or crude oil only
EQT0009, EQT0010	40 CFR 60 Subpart Kb	Does not apply	40 CFR 60.110b	Tank volume < 20,000 gallons
EQT0011	LAC 33:III.Chapter 15	Does not apply	LAC 33:III.1502.A.3	SO_2 emissions < 5 tons/yr
	40 CFR 60 Subpart JJJJ	Does not apply	40 CFR 60.4320(a)	Constructed prior to June 12, 2006 or manufactured before January 1, 2008
	40 CFR 63 Subpart ZZZZ	Does not apply	40 CFR 63.6590(b)(3)	Existing 4 stroke lean burn engine
EQT0012, EQT0013, EQT0023	LAC 33:III.2103 Storage of VOC	Exempt	LAC 33:III.2103.G.1	Store condensate or crude oil only
EQT0042 - EQT0047	40 CFR 60 Subpart Kb	Does not apply	40 CFR 60.110b	Tank volume < 20,000 gallons
EQT0014, EQT0016 - EQT0020	LAC 33:III.Chapter 15	Does not apply	LAC 33:III.1502.A.3	SO_2 emissions < 5 tons/yr
EQT0024, EQT0025	40 CFR 60 Subpart JJJJ	Does not apply	40 CFR 60.4320(a)	Constructed prior to June 12, 2006 or manufactured before January 1, 2008
EQT0026 – EQT0035	LAC 33:III.Chapter 15	Does not apply	LAC 33:III.1502.A.3	SO_2 emissions < 5 tons/yr
UNF0001	LAC 33:III.Chapter 51	Does not apply	LAC 33:III.5105.B.3.a	TAP emissions are from combustion of Group 1 virgin fossil fuels
	LAC 33:III.Chapter 59 40 CFR Part 68	Does not apply	LAC 33:III.5907.A	Does not store or handle any subject materials more than their threshold quantities
The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section X of this permit				

40 CFR PART 70 GENERAL CONDITIONS

A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]

B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]

C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]

D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]

E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]

F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]

G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:

1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];

3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.

[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

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 as existing at the time of sampling or measurement.

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]

P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]

Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:

1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
5. changes in emissions would not qualify as a significant modification; and
6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).

1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

   a. Report by June 30 to cover January through March
   b. Report by September 30 to cover April through June
   c. Report by December 31 to cover July through September
   d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;

3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;

4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);

5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and

6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application dated August 14, 2008.

IV. This permit shall become invalid, for the sources not constructed, if:

A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;

B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.

A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:

1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

D. Each report submitted in accordance with this condition shall contain the following information:

1. Description of noncomplying emission(s);
2. Cause of noncompliance;
3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;

B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;

C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and

D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be

limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 39922 Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Also Known As:

ID	Name	User Group	Start Date
	Centerpoint Energy Field Services Inc	Air Permitting	10-01-2002
0400-00002	Foxskin Compressor Station	CDS Number	01-01-1999
	Priority 2 Emergency Site	Priority 2 Emergency Site	07-25-2006

Physical Location: 1 Mi SE of Oakland, LA

Main Phone: 3184293706

Mailing Address: PO Box 21734
Shreveport, LA 711511734

Location of Front Gate: 32° 28' 1" latitude, 93° 31' 33" longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Micaela Crooks	PO Box 21734 Shreveport, LA 711511734	3184293036 (WP)	Accident Prevention Contact for
Micaela Crooks	PO Box 21734 Shreveport, LA 711511734	3184293927 (WF)	Accident Prevention Contact for
Laurie Guthrie	PO Box 21734 Shreveport, LA 711511734	3184293927 (WF)	Air Permit Contact For
Laurie Guthrie	PO Box 21734 Shreveport, LA 711511734	laura.guthrie@cente	Emission Inventory Contact for
Laurie Guthrie	PO Box 21734 Shreveport, LA 711511734	3184293706 (WP)	Emission Inventory Contact for
Laurie Guthrie	PO Box 21734 Shreveport, LA 711511734	3184293706 (WP)	Air Permit Contact For
Laurie Guthrie	PO Box 21734 Shreveport, LA 711511734	laura.guthrie@cente	Air Permit Contact For
Laurie Guthrie	PO Box 21734 Shreveport, LA 711511734	3184293927 (WF)	Emission Inventory Contact for
Lynette Jaynes	PO Box 21734 Shreveport, LA 711511734	3184293036 (WP)	Accident Prevention Billing Party for
Lynette Jaynes	PO Box 21734 Shreveport, LA 711511734	LYNETTE.JAYNES@	Accident Prevention Billing Party for
Peter Kirsch	1111 Louisiana Ave 11th Floor Houston, TX 77002	Pete.Kirsch@center	Responsible Official for
Peter Kirsch	1111 Louisiana Ave 11th Floor Houston, TX 77002	7132078346 (WP)	Responsible Official for

Related Organizations:

Name	Address	Phone (Type)	Relationship
CenterPoint Energy Field Services Inc	PO Box 21734 Shreveport, LA 711511734		Operates
CenterPoint Energy Field Services Inc	PO Box 21734 Shreveport, LA 711511734		Air Billing Party for
CenterPoint Energy Field Services Inc	PO Box 21734 Shreveport, LA 711511734		Emission Inventory Billing Party
CenterPoint Energy Field Services Inc	PO Box 21734 Shreveport, LA 711511734		Owns
Reliant Energy Field Services Inc	109 NW 50th St Oklahoma City, OK 731887530	4055562478 (WP)	Formerly owned
Reliant Energy Field Services Inc	109 NW 50th St Oklahoma City, OK 731887530	4055562478 (WP)	Formerly operated

NAIC Codes: 211111, Crude Petroleum and Natural Gas Extraction

General Information

AI ID: 39922 Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Foxskin Compressor Station						
EQT 0002	4-99A - Glycol Dehydrator # 1 Reboiler		1 MM BTU/hr	.75 MM BTU/hr		8760 hr/yr
EQT 0003	4-99B - Glycol Dehydrator # 1 Still Column Vent / Condenser			30 MM ft^3/day		8760 hr/yr
EQT 0005	7-99A - Glycol Dehydrator # 2 Reboiler		2.5 MM BTU/hr	1.5 MM BTU/hr		8760 hr/yr
EQT 0006	7-99B - Glycol Dehydrator # 2 Still Column Vent / Condenser			45 MM ft^3/day		8760 hr/yr
EQT 0008	12-99 - Tank Truck Loading		147825 bbl/yr	147825 bbl/yr		776 hr/yr
EQT 0009	15-99 - Methanol Storage Tank #1	280 gallons				8760 hr/yr
EQT 0010	16-99 - Methanol Storage Tank #2	1000 gallons				8760 hr/yr
EQT 0011	1-01 - Compressor Engine Caterpillar G3606TA			1665 horsepower		8760 hr/yr
EQT 0012	2-01 - Condensate Storage Tank	210 bbl				8760 hr/yr
EQT 0013	3-01 - Condensate Storage Tank	210 bbl				8760 hr/yr
EQT 0014	1-02 - Compressor Engine Waukesha L7042GSI with Catalytic Converter			1478 horsepower		8760 hr/yr
EQT 0016	2-06 - Compressor Engine Caterpillar G3606 TA with Oxidation Catalyst			1775 horsepower		8760 hr/yr
EQT 0017	1-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter			1478 horsepower		8760 hr/yr
EQT 0018	3-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter			1478 horsepower		8760 hr/yr
EQT 0019	4-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0020	5-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0021	6-06A - Glycol Dehydrator # 3 Reboiler			3.5 MM BTU/hr		8760 hr/yr
EQT 0022	6-06B - Glycol Dehydrator # 3 Still Column Vent / Condenser			75 MM ft^3/day		8760 hr/yr
EQT 0023	7-06 - Condensate Storage Tank	210 bbl				8760 hr/yr
EQT 0024	8-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter			1478 horsepower		8760 hr/yr
EQT 0025	1-07 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0026	1-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0027	2-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0028	3-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0029	4-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0030	5-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0031	6-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr

INVENTORIES

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Foxskin Compressor Station						
EQT 0032	7-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0033	8-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0034	9-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0035	10-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst			1340 horsepower		8760 hr/yr
EQT 0036	11-08A - Glycol Dehydrator # 4 Reboiler			1.5 MM BTU/hr		8760 hr/yr
EQT 0037	11-08B - Glycol Dehydrator # 4 Still Column Vent / Condenser			75 MM ft^3/day		8760 hr/yr
EQT 0038	12-08A - Glycol Dehydrator # 5 Reboiler			1.5 MM BTU/hr		8760 hr/yr
EQT 0039	12-08B - Glycol Dehydrator # 5 Still Column Vent / Condenser			75 MM ft^3/day		8760 hr/yr
EQT 0040	13-08A - Glycol Dehydrator # 6 Reboiler			1.5 MM BTU/hr		8760 hr/yr
EQT 0041	13-08B - Glycol Dehydrator # 6 Still Column Vent / Condenser			75 MM ft^3/day		8760 hr/yr
EQT 0042	14-08 - Condensate Storage Tank	210 bbl				8760 hr/yr
EQT 0043	15-08 - Condensate Storage Tank	210 bbl				8760 hr/yr
EQT 0044	16-08 - Condensate Storage Tank	210 bbl				8760 hr/yr
EQT 0045	17-08 - Condensate Storage Tank	210 bbl				8760 hr/yr
EQT 0046	18-08 - Condensate Storage Tank	210 bbl				8760 hr/yr
EQT 0047	19-08 - Condensate Storage Tank	210 bbl				8760 hr/yr
FUG 0001	3-99 - Fugitive Emissions					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Foxskin Compressor Station							
EQT 0002	4-99A - Glycol Dehydrator # 1 Reboiler	6	138	7		16	600
EQT 0005	7-99A - Glycol Dehydrator # 2 Reboiler	6	138	.7		16	600
EQT 0009	15-99 - Methanol Storage Tank #1	0	0	.3		15	77
EQT 0010	16-99 - Methanol Storage Tank #2			.3		20	
EQT 0011	1-01 - Compressor Engine Caterpillar G3606TA	107.7	11410	1.5		12	860
EQT 0012	2-01 - Condensate Storage Tank			35		20	
EQT 0013	3-01 - Condensate Storage Tank			.35		20	
EQT 0014	1-02 - Compressor Engine Waukesha L7042GSI with Catalytic Converter	107.99	6966	1.17		19.17	1125
EQT 0016	2-06 - Compressor Engine Caterpillar G3606 TA with Oxidation Catalyst	107.99	6966	1.17		19.17	1125

INVENTORIES

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Foxskin Compressor Station							
EQT 0017	1-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter	107.7	11410	1.5		20	860
EQT 0018	3-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter	107.99	6966	1.17		19.17	1125
EQT 0019	4-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0020	5-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0021	6-06A - Glycol Dehydrator # 3 Reboiler	6	138	.7		16	600
EQT 0023	7-06 - Condensate Storage Tank			.35		20	
EQT 0024	8-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter	107.99	6966	1.17		19.17	1125
EQT 0025	1-07 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0026	1-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0027	2-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0028	3-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0029	4-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0030	5-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0031	6-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0032	7-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0033	8-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0034	9-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0035	10-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	224.83	7651	.85		22	854
EQT 0036	11-08A - Glycol Dehydrator # 4 Reboiler	5	200	1		15	700
EQT 0038	12-08A - Glycol Dehydrator # 5 Reboiler	5	200	1		15	700
EQT 0040	13-08A - Glycol Dehydrator # 6 Reboiler	5	200	1		15	700
EQT 0042	14-08 - Condensate Storage Tank			.35		20	70
EQT 0043	15-08 - Condensate Storage Tank			.35		20	70
EQT 0044	16-08 - Condensate Storage Tank			.35		20	70
EQT 0045	17-08 - Condensate Storage Tank			.35		20	70
EQT 0046	18-08 - Condensate Storage Tank			.35		20	70
EQT 0047	19-08 - Condensate Storage Tank			.35		20	70

Relationships:

ID	Description	Relationship	ID	Description
EQT 0003	Glycol Dehydrator # 1 Still Column Vent / Condenser	Controlled by	EQT 0002	Glycol Dehydrator # 1 Reboiler
EQT 0006	Glycol Dehydrator # 2 Still Column Vent / Condenser	Controlled by	EQT 0005	Glycol Dehydrator # 2 Reboiler
EQT 0022	Glycol Dehydrator # 3 Still Column Vent / Condenser	Controlled by	EQT 0021	Glycol Dehydrator # 3 Reboiler

INVENTORIES

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Relationships:

ID	Description	Relationship	ID	Description
EQT 0037	Glycol Dehydrator # 4 Still Column Vent / Condenser	Controlled by	EQT 0036	Glycol Dehydrator # 4 Reboiler
EQT 0039	Glycol Dehydrator # 5 Still Column Vent / Condenser	Controlled by	EQT 0038	Glycol Dehydrator # 5 Reboiler
EQT 0041	Glycol Dehydrator # 6 Still Column Vent / Condenser	Controlled by	EQT 0040	Glycol Dehydrator # 6 Reboiler

Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	DEHY - Glycol Dehydrators
CRG 0002	Common Requirements Group	ENG1 - Compressor Engines with Catalytic Converters
CRG 0003	Common Requirements Group	ENG2 - Compressor Engines Subject to Subpart ZZZZ
CRG 0004	Common Requirements Group	ENG3 - Compressor Engines Subject to Subparts JJJJ and ZZZZ
UNF 0001	Unit or Facility Wide	AI39922 - Foxskin Compressor Station

Group Membership:

ID	Description	Member of Groups
EQT 0002	4-99A - Glycol Dehydrator # 1 Reboiler	CRG0000000001
EQT 0003	4-99B - Glycol Dehydrator # 1 Still Column Vent / Condenser	CRG0000000001
EQT 0005	7-99A - Glycol Dehydrator # 2 Reboiler	CRG0000000001
EQT 0006	7-99B - Glycol Dehydrator # 2 Still Column Vent / Condenser	CRG0000000001
EQT 0014	1-02 - Compressor Engine Waukesha L7042GSI with Catalytic Converter	CRG0000000002
EQT 0016	2-06 - Compressor Engine Caterpillar G3606 TA with Oxidation Catalyst	CRG0000000003
EQT 0017	1-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter	CRG0000000002
EQT 0018	3-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter	CRG0000000002
EQT 0019	4-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000003
EQT 0020	5-06 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000003
EQT 0021	6-06A - Glycol Dehydrator # 3 Reboiler	CRG0000000001
EQT 0022	6-06B - Glycol Dehydrator # 3 Still Column Vent / Condenser	CRG0000000001
EQT 0024	8-06 - Compressor Engine Waukesha L7042GSI with Catalytic Converter	CRG0000000002
EQT 0025	1-07 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000003
EQT 0026	1-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0027	2-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0028	3-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0029	4-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0030	5-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0031	6-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0032	7-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0033	8-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0034	9-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0035	10-08 - Compressor Engine Caterpillar G3516TALE with Oxidation Catalyst	CRG0000000004
EQT 0036	11-08A - Glycol Dehydrator # 4 Reboiler	CRG0000000001

INVENTORIES

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Group Membership:

ID	Description	Member of Groups
EQT 0037	11-08B - Glycol Dehydrator # 4 Still Column Vent / Condenser	CRG0000000001
EQT 0038	12-08A - Glycol Dehydrator # 5 Reboiler	CRG0000000001
EQT 0039	12-08B - Glycol Dehydrator # 5 Still Column Vent / Condenser	CRG0000000001
EQT 0040	13-08A - Glycol Dehydrator # 6 Reboiler	CRG0000000001
EQT 0041	13-08B - Glycol Dehydrator # 6 Still Column Vent / Condenser	CRG0000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1460	1460 Recip Nat Gas Comp (5,000 to 20,000 H.P.)	133.72	100 hp

SIC Codes:

1311	Crude petroleum and natural gas	AI 39922
4922	Natural gas transmission	AI 39922

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Foxskin Compressor Station															
EQT 0002 4-99A	0.08	0.08	0.37	0.10	0.10	0.44	0.01	0.01	0.03	<0.01	<0.01	<0.01	0.25	0.25	1.12
EQT 0005 7-99A	0.21	0.21	0.92	0.25	0.25	1.10	0.02	0.02	0.08	<0.01	<0.01	0.01	0.39	0.39	1.69
EQT 0008 12-99													24.77	24.77	9.61
EQT 0009 15-99													0.03	0.03	0.15
EQT 0010 16-99													0.03	0.03	0.15
EQT 0011 1-01	12.10	14.52	53.01	2.75	3.30	12.05	0.11	0.14	0.49	0.01	0.01	0.03	3.67	4.40	16.06
EQT 0012 2-01													1.80	1.80	7.88
EQT 0013 3-01													1.80	1.80	7.88
EQT 0014 1-02	9.77	11.72	42.78	8.95	10.74	39.21	0.11	0.14	0.50	0.01	0.01	0.03	3.26	3.91	14.26
EQT 0016 2-05	6.51	7.81	28.52	6.51	7.81	28.52	0.11	0.14	0.50	0.01	0.01	0.03	3.26	3.91	14.26
EQT 0017 1-06	0.94	1.13	4.11	3.91	4.69	17.12	0.12	0.15	0.53	0.01	0.01	0.03	0.70	0.84	3.08
EQT 0018 3-05	6.51	7.81	28.52	6.51	7.81	28.52	0.11	0.14	0.50	0.01	0.01	0.03	3.26	3.91	14.26
EQT 0019 4-06	0.53	0.64	2.33	6.49	7.79	28.44	0.10	0.12	0.45	0.01	0.01	0.03	0.32	0.38	1.40
EQT 0020 5-06	0.53	0.64	2.33	6.49	7.79	28.44	0.10	0.12	0.45	0.01	0.01	0.03	0.32	0.38	1.40
EQT 0021 6-05A	0.29	0.29	1.29	0.35	0.35	1.53	0.03	0.03	0.12	<0.01	<0.01	0.01	0.64	0.64	2.81
EQT 0023 7-06													1.80	1.80	7.88
EQT 0024 8-06	9.77	11.72	42.78	8.95	10.75	39.21	0.11	0.14	0.50	0.01	0.01	0.03	3.26	3.91	14.26
EQT 0025 1-07	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0026 1-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0027 2-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0028 3-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0029 4-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0030 5-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Foxskin Compressor Station															
EQT 0031 6-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0032 7-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0033 8-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0034 9-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0035 10-08	0.53	0.64	2.33	5.31	6.38	23.27	0.10	0.12	0.44	0.01	0.01	0.03	1.36	1.63	5.95
EQT 0036 11-08A	0.12	0.12	0.54	0.15	0.15	0.64	0.01	0.01	0.05	<0.01	<0.01	<0.01	1.11	1.11	4.87
EQT 0038 12-08A	0.12	0.12	0.54	0.15	0.15	0.64	0.01	0.01	0.05	<0.01	<0.01	<0.01	1.11	1.11	4.87
EQT 0040 13-08A	0.12	0.12	0.54	0.15	0.15	0.64	0.01	0.01	0.05	<0.01	<0.01	<0.01	1.11	1.11	4.87
EQT 0042 14-08													1.39	1.39	6.09
EQT 0043 15-08													1.39	1.39	6.09
EQT 0044 16-08													1.39	1.39	6.09
EQT 0045 17-08													1.39	1.39	6.09
EQT 0046 18-08													1.39	1.39	6.09
EQT 0047 19-08													1.39	1.39	6.09
FUG 0001 3-99													1.14	1.14	5.00

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0002 4-99A	Benzene	0.03	0.03	0.12
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.03	0.03	0.14
	Xylene (mixed isomers)	<0.01	<0.01	0.01
	n-Hexane	0.02	0.02	0.06
EQT 0005 7-99A	Benzene	0.04	0.04	0.19
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.05	0.05	0.21
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.02	0.02	0.10
EQT 0008 12-99	Benzene	0.12	0.12	0.05
	Ethyl benzene	0.01	0.01	<0.01
	Toluene	0.12	0.12	0.05
	Xylene (mixed isomers)	0.04	0.04	0.01
	n-Hexane	0.67	0.67	0.26
EQT 0009 15-99	Methanol	0.03	0.03	0.15
EQT 0010 16-99	Methanol	0.03	0.03	0.15
EQT 0011 1-01	Acetaldehyde	0.02	0.02	0.08
	Benzene	<0.01	<0.01	<0.01
	Formaldehyde	0.42	0.51	1.85
	Methanol	0.02	0.02	0.07
EQT 0012 2-01	Benzene	0.02	0.02	0.10
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.02	0.02	0.10
	Xylene (mixed isomers)	0.01	0.01	0.03
	n-Hexane	0.07	0.07	0.30
EQT 0013 3-01	Benzene	0.02	0.02	0.10
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.02	0.02	0.10
	Xylene (mixed isomers)	0.01	0.01	0.03
	n-Hexane	0.07	0.07	0.30
EQT 0014 1-02	Formaldehyde	0.10	0.12	0.43
	Methanol	0.07	0.08	0.29

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0016 2-06	Formaldehyde	0.10	0.12	0.43
	Methanol	0.07	0.08	0.29
EQT 0017 1-06	Acetaldehyde	0.02	0.02	0.09
	Benzene	<0.01	<0.01	0.01
	Formaldehyde	0.31	0.38	1.37
	Methanol	0.02	0.02	0.08
EQT 0018 3-06	Formaldehyde	0.10	0.12	0.43
	Methanol	0.07	0.08	0.29
EQT 0019 4-06	Acetaldehyde	0.02	0.02	0.07
	Benzene	<0.01	<0.01	<0.01
	Formaldehyde	0.24	0.28	1.03
	Methanol	0.01	0.02	0.06
EQT 0020 5-06	Acetaldehyde	0.02	0.02	0.07
	Benzene	<0.01	<0.01	<0.01
	Formaldehyde	0.24	0.28	1.03
	Methanol	0.01	0.02	0.06
EQT 0021 6-06A	Benzene	0.07	0.07	0.31
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.08	0.08	0.35
	Xylene (mixed isomers)	0.01	0.01	0.03
	n-Hexane	0.04	0.04	0.12
EQT 0023 7-06	Benzene	0.02	0.02	0.10
	Ethyl benzene	<0.01	<0.01	0.01
	Toluene	0.02	0.02	0.10
	Xylene (mixed isomers)	0.01	0.01	0.03
	n-Hexane	0.07	0.07	0.30
EQT 0024 8-06	Formaldehyde	0.10	0.12	0.43
	Methanol	0.07	0.08	0.29
EQT 0025 1-07	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 39922 - Foxskin Compressor Station

Activity Number: PER20080003

Permit Number: 0400-00002-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0025 1-07	Toluene	0.01	0.01	0.02
EQT 0026 1-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0027 2-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0028 3-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0029 4-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0030 5-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0031 6-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0031 6-08	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0032 7-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0033 8-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0034 9-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0035 10-08	Acetaldehyde	0.09	0.10	0.37
	Acrolein	0.05	0.06	0.228
	Benzene	0.01	0.01	0.02
	Formaldehyde	0.24	0.27	1.03
	Methanol	0.03	0.03	0.11
	Toluene	0.01	0.01	0.02
EQT 0036 11-08A	Benzene	0.22	0.22	0.98
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.17	0.17	0.73
	Xylene (mixed isomers)	0.05	0.05	0.21
	n-Hexane	0.03	0.03	0.12

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 39922 - Foxskin Compressor Station

Activity Number: PER20080003

Permit Number: 0400-00002-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0038 12-08A	Benzene	0.22	0.22	0.98
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.17	0.17	0.73
	Xylene (mixed isomers)	0.05	0.05	0.21
	n-Hexane	0.03	0.03	0.12
EQT 0040 13-08A	Benzene	0.22	0.22	0.98
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.17	0.17	0.73
	Xylene (mixed isomers)	0.05	0.05	0.21
	n-Hexane	0.03	0.03	0.12
EQT 0042 14-08	Benzene	0.02	0.02	0.08
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.07
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.05	0.05	0.21
EQT 0043 15-08	Benzene	0.02	0.02	0.08
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.07
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.05	0.05	0.21
EQT 0044 16-08	Benzene	0.02	0.02	0.08
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.07
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.05	0.05	0.21
EQT 0045 17-08	Benzene	0.02	0.02	0.08
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.07
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.05	0.05	0.21
EQT 0046 18-08	Benzene	0.02	0.02	0.08
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.07

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 39922 - Foxskin Compressor Station

Activity Number: PER20080003

Permit Number: 0400-00002-V6

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0046 18-08	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.05	0.05	0.21
EQT 0047 19-08	Benzene	0.02	0.02	0.08
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.02	0.02	0.07
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.05	0.05	0.21
FUG 0001 3-99	Benzene	0.01	0.01	0.05
	Ethyl benzene	<0.01	<0.01	<0.01
	Toluene	0.01	0.01	0.04
	Xylene (mixed isomers)	<0.01	<0.01	0.01
	n-Hexane	0.03	0.03	0.14
UNF 0001 AI39922	Acetaldehyde			4.75
	Acrolein			2.508
	Benzene			4.67
	Ethyl benzene			0.05
	Formaldehyde			18.33
	Methanol			2.94
	Toluene			3.92
	Xylene (mixed isomers)			0.92
	n-Hexane			3.20

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

EQT 0009 15-99 - Methanol Storage Tank #1

1	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
2	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0010 16-99 - Methanol Storage Tank #2

3	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
4	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0011 1-01 - Compressor Engine Caterpillar G3606TA

5	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
6	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
7	[LAC 33:III.507.H.1.a]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO, O2, SO2 and VOC concentrations in the stack gas obtained during semiannual testing.
8	[LAC 33:III.507.H.1.a]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
9	[LAC 33:III.507.H.1.a]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
10	[LAC 33:III.507.H.1.a]	Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Air Quality Assessment Division. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

SPECIFIC REQUIREMENTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

EQT 0011 1-01 - Compressor Engine Caterpillar G3606TA

11	[LAC 33:III.507.H.1.a]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified

FUG 0001 3-99 - Fugitive Emissions

12	[LAC 33:III.2111]	Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

CRG 0001 DEHY - Glycol Dehydrators

Group Members: EQT 0002 EQT 0003 EQT 0005 EQT 0006 EQT 0021 EQT 0022 EQT 0036 EQT 0037 EQT 0038 EQT 0039 EQT 0040 EQT 0041

13	[40 CFR 63.760.e]	Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]
14	[40 CFR 63.774.d]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.774(d)(1)(i) or (d)(1)(ii), as applicable. Subpart HH. [40 CFR 63.774(d)]
15	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
16	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
17	[LAC 33:III.2116.B.2]	VOC, Total >= 85 % reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D. Which Months: All Year Statistical Basis: None specified
18	[LAC 33:III.2116.D]	Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.
19	[LAC 33:III.2116.F.1]	Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.

CRG 0002 ENG1 - Compressor Engines with Catalytic Converters

Group Members: EQT 0014 EQT 0017 EQT 0018 EQT 0024

20	[40 CFR 63.6600.a]	Formaldehyde <= 350 ppbdv at 15% oxygen or formaldehyde => 76% reduction. Subpart ZZZZ. [40 CFR 63.6600(a)] Which Months: All Year Statistical Basis: None specified
21	[40 CFR 63.6605.a]	Be in compliance with emission limitations in 40 CFR 63 Subpart ZZZZ at all times, except during periods of startup, shutdown and malfunction. Subpart ZZZZ. [40 CFR 63.6605(a)]

SPECIFIC REQUIREMENTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

CRG 0002 ENG1 - Compressor Engines with Catalytic Converters

22	[40 CFR 63.6605.b]	Operate and maintain in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction. Subpart ZZZZ. [40 CFR 63.6605(b)]
23	[40 CFR 63.6615]	Conduct subsequent performance tests semiannually. Subpart ZZZZ.
24	[40 CFR 63.6620.a]	Conduct each applicable performance test in 40 CFR 63 Subpart ZZZZ Tables 3 and 4. Subpart ZZZZ. [40 CFR 63.6620(a)]
25	[40 CFR 63.6620.b]	Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1) and under the specific conditions in 40 CFR 63 Subpart ZZZZ Table 4. Subpart ZZZZ. [40 CFR 63.6620(b)]
26	[40 CFR 63.6620.e]	Determine compliance with the percent reduction requirement using equation 1 in 40 CFR 63.6620. Subpart ZZZZ. [40 CFR 63.6620(e)]
27	[40 CFR 63.6620.i]	Determine the engine percent load during a performance test by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. Subpart ZZZZ. [40 CFR 63.6620(i)]
28	[40 CFR 63.6620.i]	Include a written report of the average percent load determination in the notification of compliance status. Include the following information: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, provide the model number of the measurement device, and an estimate of its accurate in percentage of true value. Subpart ZZZZ. [40 CFR 63.6620(i)]
29	[40 CFR 63.6625.c]	Fuel monitored by fuel sampling daily. Monitor the fuel usage with separate fuel meters to measure the volumetric flow rate of each fuel. Subpart ZZZZ. [40 CFR 63.6625(c)] Which Months: All Year Statistical Basis: None specified
30	[40 CFR 63.6625.c]	Operate in a manner which reasonable minimizes HAP emissions. Subpart ZZZZ. [40 CFR 63.6625(c)]
31	[40 CFR 63.6630.a]	Demonstrate initial compliance with each applicable emission and operating limitation according to 40 CFR 63 Subpart ZZZZ Table 5. Subpart ZZZZ. [40 CFR 63.6630(a)]
32	[40 CFR 63.6640 a]	Demonstrate continuous compliance with each applicable emission limitation and operating limitation in 40 CFR 63 Subpart ZZZZ Tables 1a and 1b and Tables 2a and 2b according to methods specified in 40 CFR 63 Subpart ZZZZ Table 6. Subpart ZZZZ. [40 CFR 63.6640(a)]
33	[40 CFR 63.6640.b]	Conduct a performance test to demonstrate that the required emission limitation applicable are being met, if the values of the operating parameters are reestablished. Subpart ZZZZ. [40 CFR 63.6640(b)]
34	[40 CFR 63.6655]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.6655(a) through (d), as applicable. Subpart ZZZZ.
35	[40 CFR 64.6.c.1]	Catalyst bed Pressure drop monitored by technically sound method monthly. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: Instantaneous determination
36	[40 CFR 64 6.c.1]	Temperature monitored by temperature monitoring device continuously. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: 4-hr rolling average
37	[40 CFR 64.6.c.1]	Oxygen monitored by technically sound method continuously. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: Instantaneous determination

CRG 0002 ENG1 - Compressor Engines with Catalytic Converters

38	[40 CFR 64.6.c.1]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: None specified
39	[40 CFR 64.6.c.2]	Submit notification of any exceedances. [40 CFR 64.6(c)(2)]
40	[40 CFR 64.7.b]	Maintain records to demonstration compliance with pressure drop, oxygen concentration and temperature limits. [40 CFR 64.7(b)]
41	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
42	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
43	[LAC 33:III.507.H.1.a]	Stack gas concentration: Carbon monoxide monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
44	[LAC 33:III.507.H.1.a]	Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Air Quality Assessment Division. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
45	[LAC 33:III.507.H.1.a]	Equipment/operational data recordkeeping by electronic or hard copy annually. Recorded parameters are NOx, CO, O2, SO2 and VOC concentrations in the stack gas obtained during annual testing.
46	[LAC 33:III.507.H.1.a]	Stack gas concentration: Oxygen monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified

CRG 0003 ENG2 - Compressor Engines Subject to Subpart ZZZZ

Group Members: EQT 0016 EQT 0019 EQT 0020 EQT 0025

CRG 0003 ENG2 - Compressor Engines Subject to Subpart ZZZZ

47	[40 CFR 63.6600.b]	Formaldehyde <= 14 ppmdv at 15% oxygen or carbon monoxide reduction =>93%. Subpart ZZZZ. [40 CFR 63.6600(b)] Which Months: All Year Statistical Basis: None specified
48	[40 CFR 63.6605.a]	Be in compliance with emission limitations in 40 CFR 63 Subpart ZZZZ at all times, except during periods of startup, shutdown and malfunction. Subpart ZZZZ. [40 CFR 63.6605(a)]
49	[40 CFR 63.6605.b]	Operate and maintain in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction. Subpart ZZZZ. [40 CFR 63.6605(b)]
50	[40 CFR 63.6615]	Conduct subsequent performance tests semiannually. Subpart ZZZZ.
51	[40 CFR 63.6620.a]	Conduct each applicable performance test in 40 CFR 63 Subpart ZZZZ Tables 3 and 4. Subpart ZZZZ. [40 CFR 63.6620(a)]
52	[40 CFR 63.6620.b]	Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1) and under the specific conditions in 40 CFR 63 Subpart ZZZZ Table 4. Subpart ZZZZ. [40 CFR 63.6620(b)]
53	[40 CFR 63.6620.e]	Determine compliance with the percent reduction requirement using equation 1 in 40 CFR 63.6620. Subpart ZZZZ. [40 CFR 63.6620(e)]
54	[40 CFR 63.6620.i]	Determine the engine percent load during a performance test by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. Subpart ZZZZ. [40 CFR 63.6620(i)]
55	[40 CFR 63.6620.i]	Include a written report of the average percent load determination in the notification of compliance status. Include the following information: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, provide the model number of the measurement device, and an estimate of its accurate in percentage of true value. Subpart ZZZZ. [40 CFR 63.6620(i)]
56	[40 CFR 63.6625.c]	Operate in a manner which reasonable minimizes HAP emissions. Subpart ZZZZ. [40 CFR 63.6625(c)]
57	[40 CFR 63.6630.a]	Demonstrate initial compliance with each applicable emission and operating limitation according to 40 CFR 63 Subpart ZZZZ Table 5. Subpart ZZZZ. [40 CFR 63.6630(a)]
58	[40 CFR 63.6640.a]	Demonstrate continuous compliance with each applicable emission limitation and operating limitation in 40 CFR 63 Subpart ZZZZ Tables 1a and 1b and Tables 2a and 2b according to methods specified in 40 CFR 63 Subpart ZZZZ Table 6. Subpart ZZZZ. [40 CFR 63.6640(a)]
59	[40 CFR 63.6640.b]	Conduct a performance test to demonstrate that the required emission limitation applicable are being met, if the values of the operating parameters are reestablished. Subpart ZZZZ. [40 CFR 63.6640(b)]
60	[40 CFR 63.6655]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.6655(a) through (d), as applicable. Subpart ZZZZ.
61	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
62	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average

CRG 0003 ENG2 - Compressor Engines Subject to Subpart ZZZZ

63	[LAC 33:III.507.H.1.a]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
64	[LAC 33:III.507.H.1.a]	Stack gas concentration: Oxygen monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
65	[LAC 33:III.507.H.1.a]	Equipment/operational data recordkeeping by electronic or hard copy annually. Recorded parameters are NOx, CO, O2, SO2 and VOC concentrations in the stack gas obtained during annual testing.
66	[LAC 33:III.507.H.1.a]	Stack gas concentration: Carbon monoxide monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
67	[LAC 33:III.507.H.1.a]	Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Air Quality Assessment Division. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

CRG 0004 ENG3 - Compressor Engines Subject to Subparts JJJJ and ZZZZ

Group Members: EQT 0026 EQT 0027 EQT 0028 EQT 0029 EQT 0030 EQT 0031 EQT 0032 EQT 0033 EQT 0034 EQT 0035

68	[40 CFR 60.4233.e]	Shall comply with all applicable provisions in Table 1 of 40 CFR 60 Subpart JJJJ. [40 CFR 60.4233(e)]
69	[40 CFR 60.4245.a]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation¿s specified frequency. Keep records of the information specified in 40 CFR 60.4245(a)(1), (2) and (4) - Subpart JJJJ. [40 CFR 60.4245(a)]
70	[40 CFR 60.4245.c]	Submit an initial notification as required in 40 CFR 60.7(a)(1) to the Office of Environmental Compliance. The notification must include the information specified in 40 CFR 60.4245(c)(1) through (5) - Subpart JJJJ. [40 CFR 60.4245(c)]
71	[40 CFR 60.4245.d]	Submit a copy of each performance test as required in 40 CFR 60.4244 to the Office of Environmental Compliance within 60 days after the test has been completed - Subpart JJJJ. [40 CFR 60.4245(d)]
72	[40 CFR 63.6600.b]	Formaldehyde <= 14 ppmdv at 15% oxygen or carbon monoxide reduction =>93%. Subpart ZZZZ. [40 CFR 63.6600(b)] Which Months: All Year Statistical Basis: None specified

CRG 0004 ENG3 - Compressor Engines Subject to Subparts JJJJ and ZZZZ

73	[40 CFR 63.6605.a]	Be in compliance with emission limitations in 40 CFR 63 Subpart ZZZZ at all times, except during periods of startup, shutdown and malfunction. Subpart ZZZZ. [40 CFR 63.6605(a)]
74	[40 CFR 63.6605.b]	Operate and maintain in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction. Subpart ZZZZ. [40 CFR 63.6605(b)]
75	[40 CFR 63.6615]	Conduct subsequent performance tests semiannually. Subpart ZZZZ.
76	[40 CFR 63 6620.a]	Conduct each applicable performance test in 40 CFR 63 Subpart ZZZZ Tables 3 and 4. Subpart ZZZZ. [40 CFR 63.6620(a)]
77	[40 CFR 63.6620.b]	Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1) and under the specific conditions in 40 CFR 63 Subpart ZZZZ Table 4. Subpart ZZZZ. [40 CFR 63.6620(b)]
78	[40 CFR 63.6620.e]	Determine compliance with the percent reduction requirement using equation 1 in 40 CFR 63.6620. Subpart ZZZZ. [40 CFR 63.6620(e)]
79	[40 CFR 63.6620.i]	Determine the engine percent load during a performance test by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. Subpart ZZZZ. [40 CFR 63.6620(i)]
80	[40 CFR 63.6620 i]	Include a written report of the average percent load determination in the notification of compliance status. Include the following information: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, provide the model number of the measurement device, and an estimate of its accurate in percentage of true value. Subpart ZZZZ. [40 CFR 63.6620(i)]
81	[40 CFR 63.6625.c]	Operate in a manner which reasonable minimizes HAP emissions. Subpart ZZZZ. [40 CFR 63.6625(c)]
82	[40 CFR 63 6630.a]	Demonstrate initial compliance with each applicable emission and operating limitation according to 40 CFR 63 Subpart ZZZZ Table 5. Subpart ZZZZ. [40 CFR 63.6630(a)]
83	[40 CFR 63.6640.a]	Demonstrate continuous compliance with each applicable emission limitation and operating limitation in 40 CFR 63 Subpart ZZZZ Tables 1a and 1b and Tables 2a and 2b according to methods specified in 40 CFR 63 Subpart ZZZZ Table 6. Subpart ZZZZ. [40 CFR 63.6640(a)]
84	[40 CFR 63 6640.b]	Conduct a performance test to demonstrate that the required emission limitation applicable are being met, if the values of the operating parameters are reestablished. Subpart ZZZZ. [40 CFR 63.6640(b)]
85	[40 CFR 63.6655]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.6655(a) through (d), as applicable. Subpart ZZZZ.
86	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
87	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average

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88	[40 CFR 60]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
89	[40 CFR 63]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 2 of 40 CFR 63 Subpart HH.
90	[40 CFR 70.5.a.1.(iii)]	Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
91	[LAC 33:III.1103]	Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
92	[LAC 33:III.1303.B]	Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
93	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
94	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
95	[LAC 33:III.501.C.1]	Submit permit application: Due prior to construction, reconstruction or modification unless otherwise provided in LAC 33:III.Chapter 5. Submit a timely and complete permit application to the Office of Environmental Services as required in accordance with the procedures in LAC 33:III.Chapter 5.
96	[LAC 33:III.501.C.2]	No construction, modification, or operation of a facility which ultimately may result in an initiation or increase in emission of air contaminants as defined in LAC 33:III.111 shall commence until the permit application has been approved, an appropriate permit fee paid (in accordance with LAC 33:III.Chapter 2), and a permit (certificate of approval) has been issued by the permitting authority.
97	[LAC 33:III.501.C.4]	Operate the source in accordance with all terms and conditions of this permit.
98	[LAC 33:III.501.C.6]	Comply with terms and conditions incorporated in the permit to ensure compliance with all state and federally applicable air quality requirements and standards at the source, and such other permit terms and conditions as determined by the permitting authority to be reasonable and necessary.
99	[LAC 33:III.507.E.4]	Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration.
100	[LAC 33:III.517.A.1]	Submit permit application: Due prior to commencement of construction, reconstruction, or modification of the source, for new or modified sources. Do not commence construction, reconstruction, or modification of any source required to be permitted under LAC 33:III.Chapter 5 prior to approval by the permitting authority.
101	[LAC 33:III.517.B.1]	Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete.
102	[LAC 33:III.517.C]	Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit.
103	[LAC 33:III.517.D]	Submit applications for permits in accordance with forms and guidance provided by the DEQ. At a minimum, each permit application submitted under LAC 33:III.Chapter 5 shall contain the information specified in LAC 33:III.517.D, subparagraphs 1-18.

SPECIFIC REQUIREMENTS

AI ID: 39922 - Foxskin Compressor Station
Activity Number: PER20080003
Permit Number: 0400-00002-V6
Air - Title V Regular Permit Major Mod

UNF 0001 AI39922 - Foxskin Compressor Station

104	[LAC 33:III.517.E]	In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8.
105	[LAC 33:III.5611 A]	Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
106	[LAC 33:III.5611.B]	During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
107	[LAC 33:III.919 D]	Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.