DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

Certified Mail No.

Agency Interest No. 9512
Activity No.: PER20070001

Mr. Dave W. Shellhouse
Trunkline Gas Company, LLC
8100 Big Lake Road
Lake Charles, Louisiana 70605

RE: Operating permit modification, Epps Compressor Station, Trunkline Gas Company, LLC, Epps, West Carroll Parish, Louisiana

Dear Mr. Shellhouse:

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 _____, 2012, 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 _____, 2007.

Permit No.: 3140-00011-V3

Sincerely,

Chuck Carr Brown, Ph.D.
Assistant Secretary
CCB/DCN
cc: EPA Region 6

ENVIRONMENTAL **SERVICES**
: PO BOX 4313, BATON ROUGE, LA 70821-4313
P:225-219-3181 F:225-219-3309
WWW.DEQ.LOUISIANA.GOV

AIR PERMIT BRIEFING SHEET
OFFICE OF ENVIRONMENTAL SERVICES
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

EPPS COMPRESSOR STATION
AGENCY INTEREST NO. 9512
TRUNKLINE GAS COMPANY, LLC
EPPS, WEST CARROLL PARISH, LOUISIANA

I. Background

Trunkline Gas Company, LLC owns and operates the Epps Compressor Station, near Epps, West Carroll Parish under Permit 3140-00011-V2, dated January 18, 2006.

II. Origin

A permit application and Emission Inventory Questionnaire, dated February 6, 2007 were submitted, requesting a Part 70 operating permit modification.

III. Description

Trunkline Gas Company utilizes eight reciprocal engines and two turbines to compress natural gas to pipeline pressure for transmission. Other emissions sources include generator engines, tanks, loading, and fugitives. Trunkline Gas Company requested a permit modification to reduce operating hours of two compressors and three generator engines. Emissions from the station were recalculated based on updated emissions factors and current operating conditions. Permitted emission changes in tons per year are as follows:

Pollutant	Permitted	Proposed	Change
PM_{10}	17.34	16.63	- 0.71
SO_2	2.60	2.55	- 0.05
NO_X	2306.46	2881.54	+ 575.08
CO	401.96	224.00	- 177.96
VOC, total	93.56	76.94	- 16.62

IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations. NSPS and NESHAP do not apply. The facility is a minor source of Toxic Air Pollutants (TAPs).

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

AIR PERMIT BRIEFING SHEET
OFFICE OF ENVIRONMENTAL SERVICES
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

EPPS COMPRESSOR STATION
AGENCY INTEREST NO. 9512
TRUNKLINE GAS COMPANY, LLC
EPPS, WEST CARROLL PARISH, LOUISIANA

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 proposed permit was published in *The Advocate*, (Baton Rouge, LA) and in the *XXXX*, (XXX, LA) on XXX, 2007. The notice was also mailed to individuals and organizations on the mailing list of the facility and published in the Office of Environmental Services Public Notice Mailing List on XXX, 2007. The permit application, the proposed permit, and the Statement of Basis were submitted to the XXX Branch, West Carroll Parish Library. The proposed permit and the Statement of Basis were submitted to United States Environmental Protection Agency (US EPA) Region 6. All comment will be considered prior to a permit decision.

VII. Effects on Ambient Air

Emissions from these units are not expected to cause or to contribute to any National Ambient Air Quality Standards (NAAQS) or Ambient Air Standards (AAS) exceedances.

Dispersion Model Used: AERMOD (Screening)

Pollutant	Time Period	Calculated Maximum Ground Level Concentration ($\mu g/m^3$)	Louisiana Ambient Air Standard (NAAQS) ($\mu g/m^3$)
NO_X	Annual	78	(100)

VIII. General Condition XVII Activities

ID No.:	Description	Emissions (tons/year)				
		PM_{10}	SO_2	NO_X	CO	VOC
	Gas Pipeline Depressurizing					< 5.0
	Pressure Relief Valves Vents					< 5.0
	Compressor Startup and Shutdown					< 5.0
	Filter Openings					< 5.0

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

ID No.:	Description	Capacity	Citation
	(None)		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

EPPS COMPRESSOR STATION
AGENCY INTEREST NO. 9512
TRUNKLINE GAS COMPANY, LLC
EPPS, WEST CARROLL PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.						LAC 33:III.Chapter								
		509	2103	2104	2111	2113	2121	5▲	9	11	13	15	51*	52	56	59
EQT004	E-1 Compressor Engine 5401, Cooper-Bessemer GMW-T-8									1	1	1				
EQT005	E-2 Compressor Engine 5402, Cooper-Bessemer GMW-T-8									1	1	1				
EQT006	E-3 Compressor Engine 5403, Cooper-Bessemer GMW-T-8									1	1	1				
EQT007	E-4 Compressor Engine 5404, Cooper-Bessemer GMW-T-8									1	1	1				
EQT008	E-5 Compressor Engine 5405, Cooper-Bessemer LSV-12SG									1	1	1				
EQT009	E-6 Compressor Engine 5406, Cooper-Bessemer LSV-12SG									1	1	1				
EQT010	E-7 Compressor Engine P-1, Waukesha 7042GU									1	1	1				
EQT011	E-8 Compressor Engine P-2, Waukesha 7042GU									1	1	1				
EQT017	T-6 Wastewater Tank		3													
EQT019	T-9 Pipeline Liquids Tank		3													
EQT021	T-10 Gasoline Tank		1													
EQT023	T-16 Pipeline Liquids Tank		3													
EQT026	T-17 Pipeline Liquids Tank		3													
EQT027	T-19 Pipeline Liquids Tank		3													
EQT028	E-9 Compressor Turbine 5422, GE Frame 3									1	1	1				
EQT029	E-10 Compressor Turbine 5423, GE Frame 3									1	1	1				
EQT030	E-11 Generator Engine 5445, Waukesha 6RLOU									1	1	1				
EQT031	E-12 Generator Engine 5446, Waukesha 6RLOU									1	1	1				
EQT032	E-13 Generator Engine 5447, Waukesha 6LRORB									1	1	1				

LDEQ-EDMS Document 35807358, Page 7 of 153

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

EPPS COMPRESSOR STATION
AGENCY INTEREST NO. 9512
TRUNKLINE GAS COMPANY, LLC
EPPS, WEST CARROLL PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.						LAC 33:III.Chapter								
		509	2103	2104	2111	2113	2121	5▲	9	11	13	15	51*	52	56	59
EQT033	T-7 Used Oil Tank		3													
EQT034	TLOAD - Truck Loading (Pipeline Liquids)															
FUG003	FG-1 - Fugitive Emissions and Blowdowns				1											
GRP003	Epps Compressor Station					1			1	1	1		2		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 specific criteria, 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.

* 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.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

EPPS COMPRESSOR STATION
AGENCY INTEREST NO. 9512
TRUNKLINE GAS COMPANY, LLC
EPPS, WEST CARROLL PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

		40 CFR 60 NSPS						40 CFR 61			40 CFR 63			40 CFR		
ID No.:	Description	A	K	Ka	GG	KKK	LLL	A	J	FF	A	HHH	ZZZZ	64	68	72
EQT004	E-1 Compressor Engine 5401, Cooper-Bessemer GMW-T-8												2			
EQT005	E-2 Compressor Engine 5402, Cooper-Bessemer GMW-T-8												2			
EQT006	E-3 Compressor Engine 5403, Cooper-Bessemer GMW-T-8												2			
EQT007	E-4 Compressor Engine 5404, Cooper-Bessemer GMW-T-8												2			
EQT008	E-5 Compressor Engine 5405, Cooper-Bessemer LSV-12SG												2			
EQT009	E-6 Compressor Engine 5406, Cooper-Bessemer LSV-12SG												2			
EQT010	E-7 Compressor Engine P-1, Waukesha 7042GU												2			
EQT011	E-8 Compressor Engine P-2, Waukesha 7042GU												2			
EQT017	T-6 Wastewater Tank															
EQT019	T-9 Pipeline Liquids Tank															
EQT021	T-10 Gasoline Tank															
EQT023	T-16 Pipeline Liquids Tank															
EQT026	T-17 Pipeline Liquids Tank															
EQT027	T-19 Pipeline Liquids Tank															
EQT028	E-9 Compressor Turbine 5422, GE Frame 3															
EQT029	E-10 Compressor Turbine 5423, GE Frame 3															
EQT030	E-11 Generator Engine 5445, Waukesha 6RLOU												3			
EQT031	E-12 Generator Engine 5446, Waukesha 6RLOU												3			
EQT032	E-13 Generator Engine 5447, Waukesha 6LRORB												3			

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

EPPS COMPRESSOR STATION
AGENCY INTEREST NO. 9512
TRUNKLINE GAS COMPANY, LLC
EPPS, WEST CARROLL PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

		40 CFR 60 NSPS						40 CFR 61			40 CFR 63			40 CFR		
ID No.:	Description	A	K	Ka	GG	KKK	LLL	A	J	FF	A	HHH	ZZZZ	64	68	72
EQT033	T-7 Used Oil Tank															
EQT034	TLOAD - Truck Loading (Pipeline Liquids)															
FUG003	FG-1 - Fugitive Emissions and Blowdowns															
GRP003	Epps Compressor Station														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 specific criteria, 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.

LDEQ-EDMS Document 35807358, Page 10 of 153

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

EPPS COMPRESSOR STATION
AGENCY INTEREST NO. 9512
TRUNKLINE GAS COMPANY, LLC
EPPS, WEST CARROLL PARISH, LOUISIANA

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

ID No:	Requirement	Status	Citation	Explanation
EQT004 - EQT011	LAC 33:III.1503.C. Emission Standards for Sulfur Dioxide	Exempt	LAC 33:III.1503.C	SO_2 emissions < 250 tons/year
	LAC 33:III.1511 CEM for SO_2	Exempt	LAC 33:III.1511.A	SO_2 emissions < 100 tons/year
	40 CFR 63 Subpart ZZZZ	Does not apply	40 CFR 63.6590(b)(3)	Existing lean burn engines or limited use engines (<100 hrs/year)
EQT017, EQT033	LAC 33:III.2103 for VOC tanks	Does not apply	LAC 33:III.2103.A	Vapor Pressure < 1.5 psia
	40 CFR 63 Subpart Kb	Does not apply	40 CFR 60.110b(a)	Vapor Pressure < 0.51 psia
EQT019, EQT023, EQT026 EQT027	LAC 33:III.2103 for VOC tanks	Exempt	LAC 33:III.2103.G.1	Prior to custody transfer Located in West Carroll Parish
	40 CFR 63 Subpart Kb	Does not apply	40 CFR 60.110b(b)	Tank Volume < 20,000 gallons
EQT021	40 CFR 63 Subpart Kb	Does not apply	40 CFR 60.110b(b)	Tank Volume < 20,000 gallons
EQT028, EQT029	LAC 33:III.1503.C. Emission Standards for Sulfur Dioxide	Exempt	LAC 33:III.1503.C	SO_2 emissions < 250 tons/year
	LAC 33:III.1511 CEM for SO_2	Exempt	LAC 33:III.1511.A	SO_2 emissions < 100 tons/year
	NSPS Subpart GG for turbines	Does not apply	40 CFR 60.330(b)	The turbine was constructed prior to October 3, 1977
EQT030, EQT031, EQT032	LAC 33:III.1503.C. Emission Standards for Sulfur Dioxide	Exempt	LAC 33:III.1503.C	SO_2 emissions < 250 tons/year
	LAC 33:III.1511 CEM for SO_2	Exempt	LAC 33:III.1511.A	SO_2 emissions < 100 tons/year
GRP002	40 CFR 63 Subpart ZZZZ	Does not apply	40 CFR 63.6590(a)	Not RICE units (Engines < 500 bhp)
	LAC 33:III.Chapter 51	Exempt	LAC 33:III.5105.B.3	TAP emissions are from combustion devices that burn virgin fossil fuels
	LAC 33:III.Chapter 59 40 CFR 68	Does not apply	LAC 33:III.5901	Facility does not store or process any referenced list substance greater than the threshold amounts.

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)];

40 CFR PART 70 GENERAL CONDITIONS

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.

40 CFR PART 70 GENERAL CONDITIONS

[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)]

40 CFR PART 70 GENERAL CONDITIONS

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;

40 CFR PART 70 GENERAL CONDITIONS

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 and Emission Inventory Questionnaire dated dated February 6, 2007.

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.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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, Air Permits Division, within ninety (90) days after the event, to amend this permit.

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. 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: 9512 Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

Also Known As:

ID	Name	User Group	Start Date
3140-00011	Trunkline Gas Co Epps Compressor Station	CDS Number	08-05-2002
3140-0004	Trunkline Gas Co Epps Compressor Station	Emission Inventory	03-03-2004
74-1103884	Federal Tax Identification Number	Federal Tax ID	11-21-1999
LAD985167196	Trunkline Gas Epps	Hazardous Waste Notification	11-03-1999
01025	Inactive & Abandoned Sites	Inactive & Abandoned Sites	11-23-1987
LAG531093	LPDES Permit #	LPDES Permit #	10-03-2000
WP1285	WPC State Permit Number	LWDPS Permit #	06-25-2003
17710	Trunkline Gas Co	TEMPO Merge	11-13-2001
43643	Trunkline Gas Co Epps Compressor Station #66	TEMPO Merge	11-13-2001
44576	Trunkline Gas Co Epps Compressor Station	TEMPO Merge	07-16-2001
47784	Trunkline Gas Co	TEMPO Merge	11-13-2001
70868	Epps Compressor Station	TEMPO Merge	06-20-2001
62009691	UST Facility ID (from UST legacy data)	Underground Storage Tanks	10-12-2002
WP1285	WPC State Permit Number	Water Permitting	11-21-1999

Physical Location: 745 Hwy 134
Epps, LA 712379067

Main Phone: 318-926-3658

Mailing Address: PO Box 4967
Houston, TX 772104967

Location of Front Gate: 32° 37' 5" 70 hundredths latitude, 91° 34' 34" 51 hundredths longitude, Coordinate Method: GPS Code (Psuedo Range) Differential, Coordinate Datum: NAD27

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Eric Estopinal		7139897458 (WP)	Employed by
J.W. Fitzpatrick		(318) 926-3685 (WP	Underground Storage Tank Contact for
Nelton Gaspard		2259263885 (WP)	Employed by
Tom Nugent	745 LA Hwy 134 Epps, LA 71237		Water Billing Party for
Kyle Purvis	8100 Big Lake Rd Lake Charles, LA 706050300	3374754213 (WP)	Emission Inventory Contact for
Kyle Purvis	8100 Big Lake Rd Lake Charles, LA 706050300	KYLE.PURVIS@SU	Emission Inventory Contact for
David W. Shellhouse	8100 Big Lake Rd Lake Charles, LA 70605	3374789936 (WP)	Responsible Official for
Brian Shockley		318-926-3658 (WP)	Employed by
Rick Smith		7136275697 (WP)	Employed by
Mikela S. Swedler		7139892208 (WP)	Employed by

Related Organizations:

Name	Address	Phone (Type)	Relationship
Trunkline Gas Co	PO Box 1642 Houston, TX 772511642	7136275400 (WP)	UST Billing Party for

TPOR0148

General Information

AI ID: 9512 Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Trunkline Gas Co	PO Box 1642 Houston, TX 772511642	7136275400 (WP)	Owns
	Trunkline LNG Co	8100 Big Lake Rd Lake Charles, LA 70605	3374789936 (WP)	Air Billing Party for

SIC Codes: *4922, Natural gas transmission*

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) 219-3247 or email your changes to facupdate@la.gov.

LDEQ-EDMS Document 35807358, Page 22 of 153

INVENTORIES

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT004	E-1 Compressor Engine 5401, Cooper-Bessemer GMW-T-8		2000 horsepower	2000 horsepower		8760 hr/yr (All Year)
EQT005	E-2 Compressor Engine 5402, Cooper-Bessemer GMW-T-8		2000 horsepower	2000 horsepower		8760 hr/yr (All Year)
EQT006	E-3 Compressor Engine 5403, Cooper-Bessemer GMW-T-8		2000 horsepower	2000 horsepower		8760 hr/yr (All Year)
EQT007	E-4 Compressor Engine 5404, Cooper-Bessemer GMW-T-8		2000 horsepower	2000 horsepower		8760 hr/yr (All Year)
EQT008	E-5 Compressor Engine 5405, Cooper-Bessemer LSV-12SG		3000 horsepower	3000 horsepower		8760 hr/yr (All Year)
EQT009	E-6 Compressor Engine 5406, Cooper-Bessemer LSV-12SG		3000 horsepower	3000 horsepower		8760 hr/yr (All Year)
EQT010	E-7 Compressor Engine P-1, Waukesha L7942GU		700 horsepower	700 horsepower		99 hr/yr (All Year)
EQT011	E-8 Compressor Engine P-2, Waukesha L7942GU		700 horsepower	700 horsepower		99 hr/yr (All Year)
EQT017	T-6 Wastewater Tank	21000 gallons			Wastewater	8760 hr/yr (All Year)
EQT019	T-9 Pipeline Liquids Tank	9450 gallons			Pipeline Liquids	8760 hr/yr (All Year)
EQT021	T-10 Gasoline Tank	2000 gallons			Gasoline	8760 hr/yr (All Year)
EQT023	T-16 Pipeline Liquids Tank	1880 gallons			Pipeline Liquids	8760 hr/yr (All Year)
EQT026	T-17 Pipeline Liquids Tank	1880 gallons			Pipeline Liquids	8760 hr/yr (All Year)
EQT027	T-19 Pipeline Liquids Tank	330 gallons			Pipeline Liquids	8760 hr/yr (All Year)
EQT028	E-9 Compressor Turbine 5422, GE Frame 3		8500 horsepower	8500 horsepower		8760 hr/yr (All Year)
EQT029	E-10 Compressor Turbine 5423, GE Frame 3		10400 horsepower	10400 horsepower		8760 hr/yr (All Year)
EQT030	E-11 Generator Engine 5445, Waukesha 6RLOU		190 horsepower	190 horsepower		500 hr/yr (All Year)
EQT031	E-12 Generator Engine 5446, Waukesha 6RLOU		190 horsepower	190 horsepower		500 hr/yr (All Year)
EQT032	E-13 Generator Engine 5447, Waukesha 6LRORB		250 horsepower	250 horsepower		500 hr/yr (All Year)
EQT033	T-7 Used Oil Tank	12600 gallons			Used Oil	8760 hr/yr (All Year)
EQT034	TLOAD - Truck Loading (Pipeline Liquids)		10000 gallons/yr			4 hr/yr (All Year)
FUG003	FG-1 - Fugitive Emissions and Blowdowns					8760 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP002	Entire Facility	AI9512

Relationships:

Stack Information:

ID		Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT004	E-1 Compressor Engine 5401, Cooper-Bessemer GMW-T-8	113	19490	1.92		37.17	500
EQT005	E-2 Compressor Engine 5402, Cooper-Bessemer GMW-T-8	113	19490	1.92		37.17	500
EQT006	E-3 Compressor Engine 5403, Cooper-Bessemer GMW-T-8	113	19490	1.92		37.17	500
EQT007	E-4 Compressor Engine 5404, Cooper-Bessemer GMW-T-8	113	19490	1.92		37.17	500
EQT008	E-5 Compressor Engine 5405, Cooper-Bessemer LSV-12SG	179	14961	1.33		36	750

LDEQ-EDMS Document 35807358, Page 23 of 153

INVENTORIES

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

Stack Information:

ID			Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT009	E-6	Compressor Engine 5406, Cooper-Bessemer LSV-12SG	179	14961	1.33		36	750
EQT010	E-7	Compressor Engine P-1, Waukesha L7942GU	1	4155	8		18	1033
EQT011	E-8	Compressor Engine P-2, Waukesha L7942GU	1	4155	8		18	1033
EQT017	T-6	Wastewater Tank						
EQT028	E-9	Compressor Turbine 5422, GE Frame 3	95	220.29	7		43	1000
EQT029	E-10	Compressor Turbine 5423, GE Frame 3	110	254413	7		41	1000
EQT030	E-11	Generator Engine 5445, Waukesha 6RLOU			.83		18	
EQT031	E-12	Generator Engine 5446, Waukesha 6RLOU			.83		18	
EQT032	E-13	Generator Engine 5447, Waukesha 6LRORB			.05		12	

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRP002	154	100 hp	1460 - Recip Nat Gas Comp (5,000 to 20,000 H.P.)
	189	100 hp	1430 - Natural Gas Comp (Turbines)

LDEQ-EDMS Document 35807358, Page 24 of 153

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

All phases

	PM_{10}			SO_2			NOx			CO			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
EQT 004 E-1	0.70	0.70	3.06	0.01	0.01	0.05	66.08	66.08	289.43	6.61	6.61	28.95	2.18	2.18	9.57
EQT 005 E-2	0.70	0.70	3.06	0.01	0.01	0.05	66.08	66.08	289.43	6.61	6.61	28.95	2.18	2.18	9.57
EQT 006 E-3	0.70	0.70	3.06	0.01	0.01	0.05	66.05	66.05	289.43	6.61	6.61	28.95	2.18	2.18	9.57
EQT 007 E-4	0.70	0.70	3.06	0.01	0.01	0.05	66.08	66.08	289.43	6.61	6.61	28.95	2.18	2.18	9.57
EQT 008 E-5	< 0.01	< 0.01	0.01	0.01	0.01	0.05	79.30	79.30	347.33	10.57	10.57	46.30	2.30	2.30	10.08
EQT 009 E-6	< 0.01	< 0.01	0.01	0.01	0.01	0.05	79.30	79.30	347.33	10.57	10.57	46.30	2.30	2.30	10.08
EQT 010 E-7	0.06	0.06	< 0.01	< 0.01	< 0.01	< 0.01	35.52	35.52	1.76	16.97	16.97	0.84	1.11	1.11	0.05
EQT 011 E-8	0.06	0.06	< 0.01	< 0.01	< 0.01	< 0.01	35.52	35.52	1.76	16.97	16.97	0.84	1.11	1.11	0.05
EQT 017 T-6													< 0.01	0.37	0.01
EQT 019 T-9													0.08	28.28	0.36
EQT 021 T-10													0.20	31.18	0.89
EQT 023 T-17													0.01	5.83	0.06
EQT 026 T-17													0.01	5.83	0.06
EQT 027 T-19													0.04	10.25	0.18
EQT 028 E-9	0.45	0.45	1.96	0.23	0.23	1.01	33.00	33.00	144.54	1.31	1.31	5.73	0.14	0.14	0.62
EQT 029 E-10	0.55	0.55	2.40	0.28	0.28	1.24	63.48	63.48	278.04	0.70	0.70	3.05	0.17	0.17	0.76
EQT 030 E-11	0.02	0.02	< 0.01	< 0.01	< 0.01	< 0.01	3.71	3.71	0.93	6.25	6.25	1.56	0.05	0.05	0.01
EQT 031 E-12	0.02	0.02	< 0.01	< 0.01	< 0.01	< 0.01	3.71	3.71	0.93	6.25	6.25	1.56	0.05	0.05	0.01

LDEQ-EDMS Document 35807358, Page 25 of 153

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

All phases

	PM_{10}			SO_2			NOx			CO			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
EQT 032 E-13	0.02	0.02	0.01	< 0.01	< 0.01	< 0.01	4.80	4.80	1.20	8.07	8.07	2.02	0.06	0.06	0.02
EQT 033 T-7													< 0.01	0.37	0.01
EQT 034 TLOAD													0.09	209.56	0.41
FUG 003 FG-1													3.42	3.42	15.0

Note: Emission rates in bold are from *alternate scenarios* and are not included in permitted totals

Permit Phase Totals:

PM10: 16.63 tons/yr

SO2: 2.55 tons/yr

NOx: 2281.54 tons/yr

CO: 224.00 tons/yr

VOC: 76.94 tons/yr

Emission rates Notes:

LDEQ-EDMS Document 35807358, Page 26 of 153

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

All phases

	2,2,4-Trimethylpentane			Acetaldehyde			Acrolein			Benzene			Ethyl benzene		
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
EQT 004 E-1	0.02	0.02	0.07	0.14	0.14	0.62	0.142	0.142	0.620	0.04	0.04	0.15	< 0.01	< 0.01	0.01
EQT 005 E-2	0.02	0.02	0.07	0.14	0.14	0.62	0.142	0.142	0.620	0.04	0.04	0.15	< 0.01	< 0.01	0.01
EQT 006 E-3	0.02	0.02	0.07	0.14	0.14	0.62	0.142	0.142	0.620	0.04	0.04	0.15	< 0.01	< 0.01	0.01
EQT 007 E-4	0.02	0.02	0.07	0.14	0.14	0.62	0.142	0.142	0.620	0.04	0.04	0.15	< 0.01	< 0.01	0.01
EQT 008 E-5	< 0.01	< 0.01	0.02	0.16	0.16	0.71	0.100	0.100	0.439	0.01	0.01	0.04			
EQT 009 E-6	< 0.01	< 0.01	0.02	0.16	0.16	0.71	0.100	0.100	0.439	0.01	0.01	0.04			
EQT 010 E-7				0.02	0.02	< 0.01	0.017	0.017	0.001	0.01	0.01	< 0.01			
EQT 011 E-8				0.02	0.02	< 0.01	0.017	0.017	0.001	0.01	0.01	< 0.01			
EQT 019 T-9										< 0.01	0.09	< 0.01			
EQT 021 T-10										< 0.01	0.22	0.01	< 0.01	0.02	< 0.01
EQT 023 T-17										< 0.01	0.02	< 0.01			
EQT 026 T-17										< 0.01	0.02	< 0.01			
EQT 027 T-19										< 0.01	0.03	< 0.01			
EQT 028 E-9															
EQT 029 E-10															
EQT 030 E-11							0.005	0.005	0.001						
EQT 031 E-12							0.005	0.005	0.001						
EQT 032 E-13				0.01	0.01	< 0.01	0.006	0.006	0.002						

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

All phases

	Formaldehyde			Methanol			Methyl Tertiary Butyl Ether			Methyl chloride			Toluene		
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
EQT 004 E-1	1.00	1.00	4.40	0.05	0.05	0.20				< 0.01	< 0.01	0.01	0.02	0.02	0.08
EQT 005 E-2	1.00	1.00	4.40	0.05	0.05	0.20				< 0.01	< 0.01	0.01	0.02	0.02	0.08
EQT 006 E-3	1.00	1.00	4.40	0.05	0.05	0.20				< 0.01	< 0.01	0.01	0.02	0.02	0.08
EQT 007 E-4	1.00	1.00	4.40	0.05	0.05	0.20				< 0.01	< 0.01	0.01	0.02	0.02	0.08
EQT 008 E-5	1.03	1.03	4.51										0.01	0.01	0.03
EQT 009 E-6	1.03	1.03	4.51										0.01	0.01	0.03
EQT 010 E-7	0.13	0.13	0.01										< 0.01	0.01	< 0.01
EQT 011 E-8	0.13	0.13	0.01										< 0.01	< 0.01	< 0.01
EQT 019 T-9													< 0.01	0.04	< 0.01
EQT 021 T-10							0.01	2.07	0.06				< 0.01	0.40	0.01
EQT 023 T-17													< 0.01	0.01	< 0.01
EQT 026 T-17													< 0.01	0.01	< 0.01
EQT 027 T-19													< 0.01	0.01	< 0.01
EQT 028 E-9	0.05	0.05	0.21										0.01	0.01	0.04
EQT 029 E-10	0.06	0.06	0.26										0.01	0.01	0.05
EQT 030 E-11	0.03	0.03	0.01												
EQT 031 E-12	0.03	0.03	0.01												
EQT 032 E-13	0.04	0.04	0.01												

LDEQ-EDMS Document 35807358, Page 27 of 153

LDEQ-EDMS Document 35807358, Page 28 of 153

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

All phases

	Xylene (mixed isomers)			n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 004 E-1	< 0.01	< 0.01	0.02	0.01	0.01	0.04
EQT 005 E-2	< 0.01	< 0.01	0.02	0.01	0.01	0.04
EQT 006 E-3	0.01	0.01	0.02	0.01	0.01	0.04
EQT 007 E-4	0.01	0.01	0.02	0.01	0.01	0.04
EQT 008 E-5	< 0.01	< 0.01	0.02	0.02	0.02	0.09
EQT 009 E-6	< 0.01	< 0.01	0.02	0.02	0.02	0.09
EQT 010 E-7	< 0.01	< 0.01	< 0.01			
EQT 011 E-8	< 0.01	< 0.01	< 0.01			
EQT 019 T-9	< 0.01	0.01	< 0.01	< 0.01	0.19	< 0.01
EQT 021 T-10						
EQT 023 T-17				< 0.01	0.04	< 0.01
EQT 026 T-17				< 0.01	0.04	< 0.01
EQT 027 T-19				< 0.01	0.06	< 0.01
EQT 028 E-9						
EQT 029 E-10						
EQT 030 E-11						
EQT 031 E-12						
EQT 032 E-13						

LDEQ-EDMS Document 35807358, Page 29 of 153

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

All phases

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

2,2,4-Trimethylpentane: 0.32 tons/yr
Acetaldehyde: 3.90 tons/yr
Acrolein: 3.364 tons/yr
Benzene: 0.69 tons/yr
Ethyl benzene: 0.04 tons/yr
Formaldehyde: 27.14 tons/yr
Methanol: 0.80 tons/yr
Methyl chloride: 0.04 tons/yr
Methyl Tertiary Butyl Ether: 0.06 tons/yr
n-Hexane: 0.34 tons/yr
Toluene: 0.46 tons/yr
Xylene (mixed isomers): 0.12 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

EQT004 E-1 Compressor Engine 5401, Cooper-Bessemer GMW-T-8

1 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

2 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

3 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

4 Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration). [LAC 33:III.501.C.6]

5 Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date. [LAC 33:III.501.C.6]

EQT005 E-2 Compressor Engine 5402, Cooper-Bessemer GMW-T-8

6 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

7 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

8 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

EQT005 E-2 Compressor Engine 5402, Cooper-Bessemer GMW-T-8

9 Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration). [LAC 33:III.501.C.6]

10 Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date. [LAC 33:III.501.C.6]

EQT006 E-3 Compressor Engine 5403, Cooper-Bessemer GMW-T-8

11 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

12 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

13 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

14 Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration). [LAC 33:III.501.C.6]

15 Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

EQT007 E-4 Compressor Engine 5404, Cooper-Bessemer GMW-T-8

16 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

17 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

18 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

19 Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration). [LAC 33:III.501.C.6]

20 Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date. [LAC 33:III.501.C.6]

EQT008 E-5 Compressor Engine 5405, Cooper-Bessemer LSV-12SG

21 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

22 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

23 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

EQT008 E-5 Compressor Engine 5405, Cooper-Bessemer LSV-12SG

24 Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration). [LAC 33:III.501.C.6]

25 Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date. [LAC 33:III.501.C.6]

EQT009 E-6 Compressor Engine 5406, Cooper-Bessemer LSV-12SG

26 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

27 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

28 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

29 Demonstrate compliance with CO and NOX emission limits of this permit by performing semiannual preventive maintenance analysis and necessary adjustment to maintain compressor/engine performance and emissions in the same range as the initial stack test. Include in this analysis a complete compressor/engine unit performance testing for the natural gas fired internal combustion engine. Include in periodic engine analysis the following: 1) Setup, calibrate, and synchronize the performance analysis equipment per manufacturer's specification. Submit a procedural write up to LDEQ and keep on site. 2) Perform a power cylinder performance analysis with checks for combustion stability, peak pressure angle, detection of misfires, detonation, and pre-ignition. 3) Perform a primary and secondary ignition analysis including checking the ignition timing on each spark plug. 4) Perform a vibration analysis for the detection of mechanical problems such as worn leaking piston rings, piston/cylinder wear, fuel injection problems, etc. 5) Perform a compressor end analysis for detection of leaking valves or rings, or unnecessary recirculation of gas. 6) Check and record the IHP (indicated horsepower) on each end of each compressor cylinder. Determine the compressor load. Observe the PT (pressure vs. time) pattern, the PV (pressure vs. volume) pattern, and vibration traces on the analyzer oscilloscope. Take pictures of these traces for each cylinder. 7) Check and record the BMEP (brake mean effective pressure) on all power cylinders and check all hydraulic lifter adjustments. 8) Balance the load on all power cylinders by indicated horsepower. 9) Reread the IHP on each power cylinder and take pictures of the traces of each cylinder (e.g., PT, PV, and vibration). [LAC 33:III.501.C.6]

30 Equipment/operational data recordkeeping by electronic or hard copy semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Report contains a complete performance and condition analysis, adjustments made, and list for future repairs and/or maintenance work, including scheduled date. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

:QT010 E-7 Compressor Engine P-1, Waukesha L7942GU

31 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

32 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

33 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

34 Operating time < 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period. If operating time is equal or exceeds 100 hours for any twelve consecutive month period, the engine shall comply with all applicable provisions of 40 CFR 63 Subpart ZZZZ. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

35 Operating time monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Monthly total

36 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

37 Operating time Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

:QT011 E-8 Compressor Engine P-2, Waukesha L7942GU

38 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

39 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

40 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

41 Operating time monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Monthly total

42 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total operating time each month, as well as the total operating time for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

43 Operating time Submit report: Due annually, by the 31st of March. Report the operating time for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

:QT011 E-8 Compressor Engine P-2, Waukesha L7942GU

44 Operating time < 100 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if operating time exceeds the maximum listed in this specific condition for any twelve consecutive month period. If operating time is equal or exceeds 100 hours for any twelve consecutive month period, the engine shall comply with all applicable provisions of 40 CFR 63 Subpart ZZZZ. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

:QT021 T-10 Gasoline Tank

45 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

46 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

47 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. [LAC 33:III.2103.I]

:QT028 E-9 Compressor Turbine 5422, GE Frame 3

48 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

49 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

50 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

51 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

52 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

53 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. 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 or Method 20 - Determination of Nitrogen Oxides, Sulfur Dioxide and Oxygen emissions from Stationary Gas Turbines, 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, Environmental Technology Division, Engineering Services. 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. [LAC 33:III.501.C.6]

:QT029 E-10 Compressor Turbine 5423, GE Frame 3

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

EQT029 E-10 Compressor Turbine 5423, GE Frame 3

54 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

55 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

56 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

57 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]

58 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

59 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. 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 or Method 20 - Determination of Nitrogen Oxides, Sulfur Dioxide and Oxygen emissions from Stationary Gas Turbines, 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, Environmental Technology Division, Engineering Services. 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. [LAC 33:III.501.C.6]

EQT030 E-11 Generator Engine 5445, Waukesha 6RLOU

60 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

61 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

62 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT031 E-12 Generator Engine 5446, Waukesha 6RLOU

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

EQT031 E-12 Generator Engine 5446, Waukesha 6RLOU

63 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

64 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

65 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT032 E-13 Generator Engine 5447, Waukesha 6LRORB

66 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). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

67 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). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average

68 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

FUG003 FG-1 - Fugitive Emissions and Blowdowns

69 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. [LAC 33:III.2111]

GRP002 Entire Facility

70 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. [LAC 33:III.1103]

71 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. [LAC 33:III.2113.A]

72 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. [LAC 33:III.219]

73 Ethyl benzene <= 0.04 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

GRP002 Entire Facility

74 Benzene <= 0.69 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
75 Formaldehyde <= 27.14 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
76 n-Hexane <= 0.34 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
77 Toluene <= 0.48 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
78 Xylene (mixed isomers) <= 0.12 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
79 Carbon monoxide <= 224.00 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
80 Nitrogen oxides <= 2281.54 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
81 Particulate matter (10 microns or less) <= 16.63 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
82 Sulfur dioxide <= 2.55 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
83 VOC, Total <= 76.94 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
84 Methyl chloride <= 0.04 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
85 Methanol <= 0.80 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
86 Acrolein <= 3.364 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
87 2,2,4-Trimethylpentane <= 0.32 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
88 Acetaldehyde <= 3.90 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
89 Methyl Tertiary Butyl Ether <= 0.06 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
90 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. [LAC 33:III.507.E.4]
91 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. [LAC 33:III.517.B.1]

SPECIFIC REQUIREMENTS

AI ID: 9512 - Trunkline Gas Co - Epps Compressor Station
Activity Number: PER20070001
Permit Number: 3140-00011-V3
Air - Title V Regular Permit Major Mod

GRP002 Entire Facility

92 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. [LAC 33:III.517.C]

93 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. [LAC 33:III.517.D]

94 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. [LAC 33:III.517.E]

95 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. [LAC 33:III.5611.A]

96 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. [LAC 33:III.5611.B]

97 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, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]