BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20070001
Agency Interest No. 3247

Mr. David Goodwin
Vice President
9 Greenway Plaza Ste 2800
Houston, TX 77046

RE: Part 70 Operating Permit, Texas Gas Transmission LLC - Bastrop Compressor Station
Texas Gas Transmission LLC, Bastrop, Morehouse Parish, Louisiana

Dear Mr. David Goodwin:

This is to inform you that the permit renewal 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 _____, 2013, 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 _____, 2008.

Permit No.: 1920-00012-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:sjt
c: EPA Region VI

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
TEXAS GAS TRANSMISSION, LLC
BASTROP COMPRESSOR STATION
PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL AND MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on the part 70 air operating permit renewal and modification for Texas Gas Transmission, LLC, P.O. Box 20008, Owensboro, Kentucky, 42304 for the Bastrop Compressor Station. **The facility is located at 7152 Pumping Station Rd, Bastrop, Louisiana, Morehouse Parish.**

Texas Gas Transmission, LLC requested a part 70 air operating permit renewal and modification.

There have been a few equipment changes since the issuance of the current permit which are to be incorporated into this permit renewal. These changes include:

- Remove old emergency generator (AX01) from the permit as it was retired in 2001.
- Remove gasoline storage tank (TK15) from the permit as it has been removed form the facility in 2005 (as notified on May 16, 2005 letter to LDEQ).
- Update Insignificant Activities List
  - Replaced Engine Fuel Gas Heater (BL01) with a smaller unit (BL06) in 2005.
  - Replaced Turbine Fuel Gas Heater (BL03) with a new unit (BL05) in 1997, although it was never updated on the Part 70 permit.
  - Remove the Jacket Water Heater (BL02) as it was retired in 2005.
- Update emissions using latest emission factors

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	40.27	40.26	-0.01
SO_2	0.54	0.51	-0.03
NO_X	4036.52	4035.58	-0.94
CO	409.10	408.16	-0.94
VOC *	96.50	95.73	-0.77

*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Acetaldehyde	5.85	5.85	-
Acrolein	5.91	5.91	-
Benzene	0.11	0.10	-0.01
Formaldehyde	42.17	42.17	-
Ethylene Glycol	<0.01	<0.01	-
n-Hexane	0.14	0.11	-0.03
Toluene	0.15	0.14	-0.01
Xylene	0.12	0.10	-0.02
Total	54.45	54.38	-0.07

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, May 19, 2008.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, proposed permit, statement of basis and additional information are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov**.

Additional copies may be reviewed at the Morehouse Parish Library, Headquarters, 524 East Madison Street, Bastrop, LA 71220.

Inquiries or requests for additional information regarding this permit action should be directed to Scott J. Templet, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3059.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 3247, Permit Number 1920-00012-V3, and Activity Number PER20070001.

Scheduled Publication Date: Monday, April 14, 2008, The Advocate and Tuesday, April 15, 2008, The Bastrop Daily Enterprise.

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

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

I. Background

Texas Gas Transmission LLC - Bastrop Compressor Station is an existing gas compressor facility. The Texas Gas Transmission LLC - Bastrop Compressor Station currently operates under Permit No. 1920-00012-V1, issued May 12, 2003. However this permit was misnumbered and should have been 1920-00012-V2, (permit 1920-00012-V1 was issued on February 25, 1998 and permit 1920-00012-V0 was issued on December 20, 1990).

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Texas Gas Transmission LLC on October 31, 2007 requesting a Part 70 operating permit renewal. Additional information dated December 3, 2007, and March 3, 2008 was also received.

III. Description

The Bastrop Compressor Station utilizes nine internal combustion engines and two turbines with a total of 34,721 brake-horsepower (19593 bhp and 15128 bhp respectively) to compress incoming natural gas and reinjects it into a sale pipeline. Texas Gas Transmission requests a Part 70 operating permit renewal for the Bastrop Station.

There have been a few equipment changes since the issuance of the current permit which are to be incorporated into this permit renewal. These changes include:

- Remove old emergency generator (AX01) from the permit as it was retired in 2001.
- Remove gasoline storage tank (TK15) from the permit as it has been removed form the facility in 2005 (as notified on May 16, 2005 letter to LDEQ).
- Update Insignificant Activities List
  - Replaced Engine Fuel Gas Heater (BL01) with a smaller unit (BL06) in 2005.
  - Replaced Turbine Fuel Gas Heater (BL03) with a new unit (BL05) in 1997, although it was never updated on the Part 70 permit.
  - Remove the Jacket Water Heater (BL02) as it was retired in 2005.
- Update emissions using latest emission factors

Estimated emissions in tons per year are as follows:

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

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
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Pollutant	Before	After	Change
PM_{10}	40.27	40.26	-0.01
SO_2	0.54	0.51	-0.03
NO_X	4036.52	4035.58	-0.94
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VOC *	96.50	95.73	-0.77

*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Acetaldehyde	5.85	5.85	-
Acrolein	5.91	5.91	-
Benzene	0.11	0.10	-0.01
Formaldehyde	42.17	42.17	-
Ethylene Glycol	<0.01	<0.01	-
n-Hexane	0.14	0.11	-0.03
Toluene	0.15	0.14	-0.01
Xylene	0.12	0.10	-0.02
Total	54.45	54.38	-0.07

Other VOC (TPY): 41.35

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply. This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Formaldehyde, acetaldehyde, and acrolein emissions are from natural gas fired engines. Therefore, these emissions are exempt from the Louisiana Air Toxic Regulations. The facility is a major source of Hazardous Air Pollutants under the federal program.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
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Texas Gas Transmission LLC - Bastrop Compressor Station
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Bastrop, Morehouse Parish, Louisiana

V. Credible Evidence

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

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on **<date>**, 200X; and in *The Bastrop Daily Enterprise*, Bastrop, on **<date>**, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on **<date>**. The draft permit was also submitted to US EPA Region VI on **<date>**. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

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

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

VIII. General Condition XVII Activities

		Emission Rates - tons				
Work Activity	Schedule	PM_{10}	SO_2	NO_X	CO	VOC

IX. Insignificant Activities

ID No.:	Description	Capacity	Citation
BL04	Wastewater Evaporator	0.395 MM BTU/hr	LAC 33:III.501.B.5.A.3.
BL05	Turbine Fuel Gas Heater	1.315 MM BTU/hr	LAC 33:III.501.B.5.A.
BL06	Engine Fuel Gas Heater	0.25 MM BTU/hr	LAC 33:III.501.B.5.A.
----	Space Heaters (23 units)	<1.00 MM BTU/hr	LAC 33:III.501.B.5.A.
TK01	Pure Glycol Tank	3,700 gal	LAC 33:III.501.B.5.A.
TK05	Lube Oil Recovery Tank	1,600 gal	LAC 33:III.501.B.5.A.
TK06	Glycol Mixing Tank	1,000 gal	LAC 33:III.501.B.5.A.
TK09	Pad Water Recovery Tank	6,000 gal	LAC 33:III.501.B.5.A.
TK12	Diesel Tank	530 gal	LAC 33:III.501.B.5.A.

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	22	29*	51*	53*	56	59*
UNF 001	Bastrop Compressor Station	1		1	1	1	3					1				1			1	3
EQT 001	Compressor Engine No. 2	1			1	1	3										2			
EQT 002	Compressor Engine No. 3	1			1	1	3										2			
EQT 003	Compressor Engine No. 4	1			1	1	3										2			
EQT 004	Compressor Engine No. 5	1			1	1	3										2			
EQT 005	Compressor Engine No. 6	1			1	1	3										2			
EQT 006	Compressor Engine No. 7	1			1	1	3										2			
EQT 007	Compressor Engine No. 8	1			1	1	3										2			
EQT 008	Compressor Engine No. 9	1			1	1	3										2			
EQT 009	Compressor Engine No. 10	1			1	1	3										2			
EQT 010	Compressor Turbine No. 2				1	1	3										2			
EQT 011	Compressor Turbine No. 3				1	1	3										2			
EQT 013	Auxiliary Air Compressor				1		3										2			
EQT 014	Turbine Emergency Generator				1		3										2			
EQT 015	Emergency Generator No. 2				1		3										2			
EQT 016	Communications Emergency Generator				1		3										2			
EQT 017	Glycol/Water Storage Tank							3	3											
EQT 018	Lube Oil Storage Tank							3	3											
EQT 019	Glycol/Water Storage Tank							3	3											
EQT 020	Pipeline Distillate Tank No. 2							3	3											
EQT 022	Pipeline Distillate Tank No. 3							3	3											

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

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FUG 001	Fugitive Emissions										1									

* 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.

KEY TO MATRIX

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

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

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

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61			40 CFR 63 NESHAP				40 CFR	
		A	K	Ka	Kb	Db	Dc	GG	KKKK	IIII	A	J	V	A	HHH	ZZZZ	YYYY	64	68
UNF 001	Bastrop Compressor Station	1													3				3
EQT 001	Compressor Engine No. 2															3			
EQT 002	Compressor Engine No. 3															3			
EQT 003	Compressor Engine No. 4															3			
EQT 004	Compressor Engine No. 5															3			
EQT 005	Compressor Engine No. 6															3			
EQT 006	Compressor Engine No. 7															3			
EQT 007	Compressor Engine No. 8															3			
EQT 008	Compressor Engine No. 9															3			
EQT 009	Compressor Engine No. 10															3			
EQT 010	Compressor Turbine No. 2							1	3								3		
EQT 011	Compressor Turbine No. 3							1	3								3		
EQT 013	Auxiliary Air Compressor															3			
EQT 014	Turbine Emergency Generator															3			
EQT 015	Emergency Generator No. 2															3			
EQT 016	Communications Emergency Generator															3			
EQT 017	Glycol/Water Storage Tank		3	3	3														
EQT 018	Lube Oil Storage Tank		3	3	3														
EQT 019	Glycol/Water Storage Tank		3	3	3														
EQT 020	Pipeline Distillate Tank No. 2		3	3	3														
EQT 022	Pipeline Distillate Tank No. 3		3	3	3														

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

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		A	K	Ka	Kb	Db	Dc	GG	KKKK	IIII	A	J	V	A	HHH	ZZZZ	YYYY	64	68
FUG 001	Fugitive Emissions																		

KEY TO MATRIX

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

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

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

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Bastrop Station UNF 001	NESHAP for Natural Gas Transmission and Storage Facilities 40 CFR 63, Subpart HHH	DOES NOT APPLY. The facility does not contain any affected sources (glycol dehydrators). 40 CFR 63.1270.c.
	Chemical Accident Prevention Provisions 40 CFR 68 Chemical Accident Prevention and Minimization of Consequences LAC 33:III.Chapter 59	DOES NOT APPLY. Facility is not defined as a stationary source per 40 CFR 68.3
Compressor Engines RC02-RC10 EQT001-009	Emission Standards for Sulfur Dioxide LAC 33:III.1503	EXEMPT. Units emit less than 250 tons of SO_2 per year. Recordkeeping and Reporting requirements apply (LAC 33:III.1513.)
	Comprehensive TAP Emission Control Program LAC 33:III.Chapter 51.	EXEMPT. These sources burn virgin fossil fuels. LAC 33:III.5105.B.3.
	NESHAP for Reciprocating Internal Combustion Engines 40 CFR 63, Subpart ZZZZ	DOES NOT APPLY. Existing 2-stroke, lean burn engines are not subject to Subpart ZZZZ or Subpart A. All units are existing 2-stroke, lean burn engines. 40 CFR 63.6590.b.3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Auxiliary Air Compressors & Emergency Generators AX02-AX05 EQT013-016	Emission Standards for Sulfur Dioxide LAC 33:III.1503	EXEMPT. Units emit less than 250 tons of SO_2 per year. Recordkeeping and Reporting requirements apply (LAC 33:III.1513.)
	Comprehensive TAP Emission Control Program LAC 33:III.Chapter 51.	EXEMPT. These sources burn virgin fossil fuels. LAC 33:III.5105.B.3.
	NESHAP for Reciprocating Internal Combustion Engines 40 CFR 63, Subpart ZZZZ	DOES NOT APPLY. Units rated less than 500 brake-horsepower are not considered "affected sources" and are not subject to Subpart ZZZZ or Subpart A 40 CFR 63.6590.a
Compressor Turbines TB02-TB03 EQT010-011	Emission Standards for Sulfur Dioxide LAC 33:III.1503	EXEMPT. Units emit less than 250 tons of SO_2 per year. Recordkeeping and Reporting requirements apply (LAC 33:III.1513.)
	Comprehensive TAP Emission Control Program LAC 33:III.Chapter 51.	EXEMPT. These sources burn virgin fossil fuels. LAC 33:III.5105.B.3.
	NSPS for Stationary Combustion Turbines 40 CFR 60, Subpart KKKK	DOES NOT APPLY. These turbines were installed prior to 2/18/2005
	NESHAP for Stationary Combustion Turbines 40 CFR 63, Subpart YYYY	DOES NOT APPLY. Existing stationary combustion turbines are not subject to Subpart YYYY or Subpart A. 40 CFR 63.6090.b.4.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Texas Gas Transmission LLC - Bastrop Compressor Station
Agency Interest No.: 3247
Texas Gas Transmission LLC
Bastrop, Morehouse Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Glycol & Lube Oil Storage Tanks TK02-TK04 EQT017-019	Storage of Volatile Organic Compounds LAC 33:III.2103	DOES NOT APPLY. Tanks are less than 40,000 gallons and have a vapor pressure < 1.5 psia.
	Control of Emissions of Organic Compounds – Crude Oil and Condensate LAC 33:III.2104	DOES NOT APPLY. Tanks to not have the potential for flash emissions.
	NSPS for Storage Tanks Subparts K, Ka, & Kb 40 CFR 60.110, 110a, & 110b)	DOES NOT APPLY. Tanks were installed prior to 1973.
Pipeline Distillate Tanks TK10, TK16 EQT020, 022	Storage of Volatile Organic Compounds LAC 33:III.2103	DOES NOT APPLY. Tanks are less than 40,000 gallons and have a vapor pressure < 1.5 psia.
	Control of Emissions of Organic Compounds – Crude Oil and Condensate LAC 33:III.2104	DOES NOT APPLY. Tanks to not have the potential for flash emissions.
	NSPS for Storage Tanks Subparts K, Ka, & Kb 40 CFR 60.110, 110a, & 110b)	DOES NOT APPLY. Volume of each tank is <10,500 gal.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

40 CFR PART 70 GENERAL CONDITIONS

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

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

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

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

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

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

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

N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

40 CFR PART 70 GENERAL CONDITIONS

emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

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

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

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

1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;

2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;

3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

5. changes in emissions would not qualify as a significant modification; and

6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

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

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

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

40 CFR PART 70 GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

40 CFR PART 70 GENERAL CONDITIONS

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 October 31, 2007, along with supplemental information dated December 3, 2007 and March 3, 2008.

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

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

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

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

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

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

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

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.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

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

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

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

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

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

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

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

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

General Information

AI ID: 3247 Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

Also Known As:

ID	Name	User Group	Start Date
1920-00012	Texas Gas Transmission LLC - Bastrop Compressor Station	CDS Number	05-27-1993
61-0405152	Federal Tax ID	Federal Tax ID	09-13-2004
LAD085134971	Texas Gas Transmission LLC	Hazardous Waste Notification	03-19-1991
00941	File #	Inactive & Abandoned Sites	11-23-1999
LA0070017	LPDES #	LPDES Permit #	09-13-2004
WP3878	WPC State Permit Number	LWDPS Permit #	06-25-2003

Physical Location: 7152 Pumping Station Rd
Bastrop, LA 71220

Main Phone: 2706886462

Mailing Address: PO Box 20008
Owensboro, KY 42304

Location of Front Gate: 32° 57' 44" latitude, 91° 51' 15" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Floyd Gaspard	7152 Pumping Station Rd Bastrop, LA 71220	3182812264 (WP)	Air Permit Contact For
David Goodwin	9 Greenway Plaza Ste 2800 Houston, TX 77046	david.goodwin@bwp	Responsible Official for
David Goodwin	9 Greenway Plaza Ste 2800 Houston, TX 77046	7134798235 (WP)	Responsible Official for
Beth Ann Ludwig	PO Box 20008 Owensboro, KY 423040008	2706886462 (WP)	Hazardous Waste Permit Contact For
Darrell Morgan	PO Box 20008 Owensboro, KY 423040008	2706886957 (WP)	Air Permit Contact For
Darrell Morgan	PO Box 20008 Owensboro, KY 423040008	darrell.morgan@bwp	Emission Inventory Contact for
Darrell Morgan	PO Box 20008 Owensboro, KY 423040008	darrell.morgan@bwp	Air Permit Contact For
Darrell Morgan	PO Box 20008 Owensboro, KY 423040008	2706886957 (WP)	Emission Inventory Contact for
Doug Webster	PO Box 20008 Owensboro, KY 423020008	2706886953 (WP)	Water Permit Contact For

Related Organizations:

Name	Address	Phone (Type)	Relationship
Texas Gas Transmission LLC	PO Box 20008 Owensboro, KY 423040008	2709268686 (WP)	Air Billing Party for
Texas Gas Transmission LLC	PO Box 20008 Owensboro, KY 423040008	2709268686 (WP)	Emission Inventory Billing Party
Texas Gas Transmission LLC	PO Box 20008 Owensboro, KY 423040008	2709268686 (WP)	Owns
Texas Gas Transmission LLC	PO Box 20008 Owensboro, KY 423040008	2709268686 (WP)	Operates

NAIC Codes: 4862, Pipeline Transportation of Natural Gas

General Information

AI ID: 3247 Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

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.

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INVENTORIES

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Bastrop Compressor Station						
EQT0001	RC02 - Compressor Engine No. 2		1848 brake hp	1760 brake hp		8760 hr/yr (All Year)
EQT0002	RC03 - Compressor Engine No. 3		1848 brake hp	1760 brake hp		8760 hr/yr (All Year)
EQT0003	RC04 - Compressor Engine No. 4		1848 brake hp	1760 brake hp		8760 hr/yr (All Year)
EQT0004	RC05 - Compressor Engine No. 5		1848 brake hp	1760 brake hp		8760 hr/yr (All Year)
EQT0005	RC06 - Compressor Engine No. 6		1848 brake hp	1760 brake hp		8760 hr/yr (All Year)
EQT0006	RC07 - Compressor Engine No. 7		1848 brake hp	1760 brake hp		8760 hr/yr (All Year)
EQT0007	RC08 - Compressor Engine No. 8		2835 brake hp	2700 brake hp		8760 hr/yr (All Year)
EQT0008	RC09 - Compressor Engine No. 9		2835 brake hp	2700 brake hp		8760 hr/yr (All Year)
EQT0009	RC10 - Compressor Engine No. 10		2835 brake hp	2700 brake hp		8760 hr/yr (All Year)
EQT0010	TB02 - Compressor Turbine No. 2		7564 brake hp	7564 brake hp		8760 hr/yr (All Year)
EQT0011	TB03 - Compressor Turbine No. 3		7564 brake hp	7564 brake hp		8760 hr/yr (All Year)
EQT0013	AX02 - Auxiliary Air Compressor		35 brake hp	35 brake hp		8760 hr/yr (All Year)
EQT0014	AX03 - Turbine Emergency Generator		226 brake hp	226 brake hp		500 hr/yr (All Year)
EQT0015	AX04 - Emergency Generator No. 2		450 brake hp	450 brake hp		500 hr/yr (All Year)
EQT0016	AX05 - Communications Emergency Generator		30 brake hp	30 brake hp		500 hr/yr (All Year)
EQT0017	TK02 - Glycol/Water Storage Tank	12121 gallons		400 gallons/yr		8760 hr/yr (All Year)
EQT0018	TK03 - Lube Oil Storage Tank	12121 gallons		24000 gallons/yr		8760 hr/yr (All Year)
EQT0019	TK04 - Glycol/Water Storage Tank	12121 gallons		400 gallons/yr		8760 hr/yr (All Year)
EQT0020	TK10 - Pipeline Distillate Tank No. 2	4400 gallons		2412 gallons/yr		8760 hr/yr (All Year)
EQT0022	TK16 - Pipeline Distillate Tank No. 3	4400 gallons		2412 gallons/yr		8760 hr/yr (All Year)
FUG0001	FUGT - Fugitive Emissions					8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Bastrop Compressor Station							
EQT0001	RC02 - Compressor Engine No. 2	125	23531	2		30	1030
EQT0002	RC03 - Compressor Engine No. 3	125	23531	2		30	1030
EQT0003	RC04 - Compressor Engine No. 4	125	23531	2		30	1030
EQT0004	RC05 - Compressor Engine No. 5	125	23531	2		30	1030
EQT0005	RC06 - Compressor Engine No. 6	180	23531	1.67		50	1030
EQT0006	RC07 - Compressor Engine No. 7	180	23531	1.67		50	1030
EQT0007	RC08 - Compressor Engine No. 8	86	25354	2.5		34	850
EQT0008	RC09 - Compressor Engine No. 9	86	25354	2.5		34	850
EQT0009	RC10 - Compressor Engine No. 10	86	25354	2.5		34	850
EQT0010	TB02 - Compressor Turbine No. 2	142	107361	4		40	934
EQT0011	TB03 - Compressor Turbine No. 3	142	107361	4		40	934
EQT0013	AX02 - Auxiliary Air Compressor	218	161	.13		3	600

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INVENTORIES

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Bastrop Compressor Station							
EQT0014	AX03 - Turbine Emergency Generator	198	1038	.33		10	600
EQT0015	AX04 - Emergency Generator No. 2	58	2713	1		14	850
EQT0016	AX05 - Communications Emergency Generator	105	138	.17		4.5	600
EQT0017	TK02 - Glycol/Water Storage Tank					15	
EQT0018	TK03 - Lube Oil Storage Tank					10	
EQT0019	TK04 - Glycol/Water Storage Tank					15	
EQT0020	TK10 - Pipeline Distillate Tank No. 2					11	
EQT0022	TK16 - Pipeline Distillate Tank No. 3					11	

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
UNF0001	Unit or Facility Wide	UNF001 - Bastrop Compressor Station

Group Membership:

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

Annual Maintenance Fee:

Fee Number	*Air Contaminant Source*	Multiplier	Units Of Measure
1430	Natural Gas Comp (Turbines)	151.28	100 hp
1460	Recip Nat Gas Comp (5,000 to 20,000 H.P.)	195.93	100 hp

SIC Codes:

4922	Natural gas transmission	AI3247
4922	Natural gas transmission	UNF001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Bastrop Compressor Station															
EQT 0001 RC02	10.83	14.79	47.42	92.50	127.81	405.16	0.89	0.93	3.89	0.01	0.02	0.04	2.21	2.32	9.66
EQT 0002 RC03	10.83	14.79	47.42	92.50	127.81	405.16	0.89	0.93	3.89	0.01	0.02	0.04	2.21	2.32	9.66
EQT 0003 RC04	10.83	14.79	47.42	92.50	127.81	405.16	0.89	0.93	3.89	0.01	0.02	0.04	2.21	2.32	9.66
EQT 0004 RC05	10.83	14.79	47.42	92.50	127.81	405.16	0.89	0.93	3.89	0.01	0.02	0.04	2.21	2.32	9.66
EQT 0005 RC06	10.83	14.79	47.42	92.50	127.81	405.16	0.89	0.93	3.89	0.01	0.02	0.04	2.21	2.32	9.66
EQT 0006 RC07	10.83	14.79	47.42	92.50	127.81	405.16	0.89	0.93	3.89	0.01	0.02	0.04	2.21	2.32	9.66
EQT 0007 RC08	3.75	5.63	16.43	117.56	251.44	514.92	1.01	1.06	4.42	0.01	0.04	0.05	2.51	2.63	10.98
EQT 0008 RC09	3.75	5.63	16.43	117.56	251.44	514.92	1.01	1.06	4.42	0.01	0.04	0.05	2.51	2.63	10.98
EQT 0009 RC10	3.75	5.63	16.43	117.56	251.44	514.92	1.01	1.06	4.42	0.01	0.04	0.05	2.51	2.63	10.98
EQT 0010 TB02	7.45	8.57	32.63	6.12	7.04	26.80	0.41	0.41	1.79	0.01	0.02	0.06	0.12	0.14	0.51
EQT 0011 TB03	7.45	8.57	32.63	6.12	7.04	26.80	0.41	0.41	1.79	0.01	0.02	0.06	0.12	0.14	0.51
EQT 0013 AX02	1.56	1.56	6.84	0.93	0.93	4.07	0.01	0.01	0.04	<0.01	<0.01	<0.01	0.02	0.02	0.11
EQT 0014 AX03	5.98	18.31	1.49	5.98	10.96	1.49	0.05	0.05	0.01	<0.01	<0.01	<0.01	0.15	0.20	0.04
EQT 0015 AX04	1.69	1.69	0.43	1.98	1.98	0.50	0.10	0.10	0.03	<0.01	<0.01	<0.01	0.45	0.45	0.11
EQT 0016 AX05	1.34	1.34	0.33	0.80	0.80	0.20	0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.02	0.01
EQT 0017 TK02													<0.01	<0.01	<0.01
EQT 0018 TK03													<0.01	<0.01	<0.01
EQT 0019 TK04													<0.01	<0.01	<0.01
EQT 0020 TK10													0.01	0.01	0.03
EQT 0022 TK16													0.01	0.01	0.03
FUG 0001 FUGT													0.80	0.80	3.48

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

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 RC02	Acetaldehyde	0.14	0.15	0.62
	Acrolein	0.14	0.15	0.63
	Formaldehyde	1.01	1.07	4.44
EQT 0002 RC03	Acetaldehyde	0.14	0.15	0.62
	Acrolein	0.14	0.15	0.63
	Formaldehyde	1.01	1.07	4.44
EQT 0003 RC04	Acetaldehyde	0.14	0.15	0.62
	Acrolein	0.14	0.15	0.63
	Formaldehyde	1.01	1.07	4.44
EQT 0004 RC05	Acetaldehyde	0.14	0.15	0.62
	Acrolein	0.14	0.15	0.63
	Formaldehyde	1.01	1.07	4.44
EQT 0005 RC06	Acetaldehyde	0.14	0.15	0.62
	Acrolein	0.14	0.15	0.63
	Formaldehyde	1.01	1.07	4.44
EQT 0006 RC07	Acetaldehyde	0.14	0.15	0.62
	Acrolein	0.14	0.15	0.63
	Formaldehyde	1.01	1.07	4.44
EQT 0007 RC08	Acetaldehyde	0.16	0.17	0.71
	Acrolein	0.16	0.17	0.71
	Formaldehyde	1.15	1.21	5.05
EQT 0008 RC09	Acetaldehyde	0.16	0.17	0.71
	Acrolein	0.16	0.17	0.71
	Formaldehyde	1.15	1.21	5.05
EQT 0009 RC10	Acetaldehyde	0.16	0.17	0.71
	Acrolein	0.16	0.17	0.71
	Formaldehyde	1.15	1.21	5.05
EQT 0010 TB02	Formaldehyde	0.04	0.04	0.19
	Toluene	0.01	0.01	0.04
EQT 0011 TB03	Formaldehyde	0.04	0.04	0.19
	Toluene	0.01	0.01	0.04
EQT 0017 TK02	Ethylene glycol	< 0.01	< 0.01	< 0.01
EQT 0019 TK04	Ethylene glycol	< 0.01	< 0.01	< 0.01
EQT 0020 TK10	Benzene	< 0.01	< 0.01	< 0.01

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0020 TK10	Toluene	< 0.01	< 0.01	< 0.01
	Xylene (mixed isomers)	< 0.01	< 0.01	< 0.01
	n-Hexane	< 0.01	< 0.01	< 0.01
EQT 0022 TK16	Benzene	< 0.01	< 0.01	< 0.01
	Toluene	< 0.01	< 0.01	< 0.01
	Xylene (mixed isomers)	< 0.01	< 0.01	< 0.01
	n-Hexane	< 0.01	< 0.01	< 0.01
FUG 0001 FUGT	Benzene	0.02	0.02	0.10
	Toluene	0.01	0.01	0.06
	Xylene (mixed isomers)	0.02	0.02	0.10
	n-Hexane	0.03	0.03	0.11
UNF 0001 UNF001	Acetaldehyde			5.85
	Acrolein			5.91
	Benzene			0.10
	Ethylene glycol			< 0.01
	Formaldehyde			42.17
	Toluene			0.14
	Xylene (mixed isomers)			0.10
	n-Hexane			0.11

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

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SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0001 Compressor Engine No. 2

1	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
2	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
3	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
4	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.
5	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
6	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.
7	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
8	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
9	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
10	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified

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SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0001 Compressor Engine No. 2

11	[LAC 33:III.501.C.6]	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.
12	[LAC 33:III.501.C.6]	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.

EQT0002 Compressor Engine No. 3

13	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
14	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
15	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
16	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.
17	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
18	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.
19	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
20	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0002 Compressor Engine No. 3

21	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
22	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
23	[LAC 33:III.501.C.6]	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.
24	[LAC 33:III.501.C.6]	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.

EQT0003 Compressor Engine No. 4

25	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
26	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
27	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
28	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.
29	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
30	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
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EQT0003 Compressor Engine No. 4

31	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
32	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
33	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
34	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
35	[LAC 33:III.501.C.6]	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.
36	[LAC 33:III.501.C.6]	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.

EQT0004 Compressor Engine No. 5

37	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
38	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
39	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
40	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0004 Compressor Engine No. 5

41	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
42	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.
43	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
44	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
45	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
46	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
47	[LAC 33:III.501.C.6]	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.
48	[LAC 33:III.501.C.6]	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.

EQT0005 Compressor Engine No. 6

49	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
50	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
51	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0005 Compressor Engine No. 6

52	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.
53	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
54	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.
55	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
56	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
57	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
58	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
59	[LAC 33:III.501.C.6]	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.
60	[LAC 33:III.501.C.6]	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.

EQT0006 Compressor Engine No. 7

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0006 Compressor Engine No. 7

61	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
62	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
63	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
64	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.
65	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
66	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.
67	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
68	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
69	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
70	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified

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SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0006 Compressor Engine No. 7

71	[LAC 33:III.501.C.6]	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.
72	[LAC 33:III.501.C.6]	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.

EQT0007 Compressor Engine No. 8

73	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
74	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
75	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
76	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.
77	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
78	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.
79	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
80	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0007 Compressor Engine No. 8

81	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
82	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
83	[LAC 33:III.501.C.6]	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.
84	[LAC 33:III.501.C.6]	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.

EQT0008 Compressor Engine No. 9

85	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
86	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
87	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
88	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.
89	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
90	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0008 Compressor Engine No. 9

91	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
92	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
93	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
94	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
95	[LAC 33:III.501.C.6]	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.
96	[LAC 33:III.501.C.6]	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.

EQT0009 Compressor Engine No. 10

97	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
98	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
99	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
100	[LAC 33:III.501.C.6]	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. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, 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.

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0009 Compressor Engine No. 10

101	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing) in the same range as during the initial stack test. Which Months: All Year Statistical Basis: None specified
102	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Recorded parameters are intake manifold temperature and pressure, fuel header pressure, engine speed, and spark ignition timing.
103	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO and O2 concentrations in the stack gas obtained during semiannual testing.
104	[LAC 33:III.501.C.6]	Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
105	[LAC 33:III.501.C.6]	Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
106	[LAC 33:III.501.C.6]	Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample. Which Months: All Year Statistical Basis: None specified
107	[LAC 33:III.501.C.6]	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.
108	[LAC 33:III.501.C.6]	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.

EQT0010 Compressor Turbine No. 2

109	[40 CFR 60.332(a)(2)]	Nitrogen oxides <= 192 ppmv at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(2)] Which Months: All Year Statistical Basis: None specified
110	[40 CFR 60.333(b)]	Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)] Which Months: All Year Statistical Basis: None specified
111	[40 CFR 60.334(a)]	Fuel monitored by CMS continuously, except as specified in 40 CFR 60.334(b). Monitor fuel consumption. Subpart GG. [40 CFR 60.334(a)] Which Months: All Year Statistical Basis: None specified
112	[40 CFR 60.334(a)]	Fuel recordkeeping by CMS continuously. Record fuel consumption. Subpart GG. [40 CFR 60.334(a)]

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
Activity Number: PER20070001
Permit Number: 1920-00012-V3
Air - Title V Regular Permit Renewal

EQT0010 Compressor Turbine No. 2

113	[40 CFR 60.334(a)]	Ratio monitored by CMS continuously, except as specified in 40 CFR 60.334(b). Monitor the ratio of water or steam to fuel being fired in the turbine. Subpart GG. [40 CFR 60.334(a)] Which Months: All Year Statistical Basis: None specified
114	[40 CFR 60.334(a)]	Ratio recordkeeping by CMS continuously. Record the ratio of water or steam to fuel being fired in the turbine. Subpart GG. [40 CFR 60.334(a)]
115	[40 CFR 60.334(g)]	Monitor the steam or water to fuel ratio or other parameters that are continuously monitored as described in 40 CFR 60.334(a), (d) or (f) during the performance test required under 40 CFR 60.8, to establish acceptable values and ranges. Develop and keep on-site a parameter monitoring plan which explains the procedures used to document proper operation of the NOx emission controls. Include the parameter(s) monitored and the acceptable range(s) of the parameter(s) as well as the basis for designating the parameter(s) and acceptable range(s). Include any supplemental data such as engineering analyses, design specifications, manufacturer's recommendations and other relevant information in the monitoring plan. Subpart GG. [40 CFR 60.334(g)]
116	[40 CFR 60.334(h)(3)1]	Notwithstanding the provisions of paragraph (h)(1) of this section, the owner or operator may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in ¿60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use the gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less. Subpart GG. [40 CFR 60.334(h)(3)1]
117	[40 CFR 60.335]	Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG.
118	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
119	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
120	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0011 Compressor Turbine No. 3

121	[40 CFR 60.332(a)(2)]	Nitrogen oxides <= 192 ppmv at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(2)] Which Months: All Year Statistical Basis: None specified
122	[40 CFR 60.333(b)]	Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)] Which Months: All Year Statistical Basis: None specified
123	[40 CFR 60.334(a)]	Fuel monitored by CMS continuously, except as specified in 40 CFR 60.334(b). Monitor fuel consumption. Subpart GG. [40 CFR 60.334(a)] Which Months: All Year Statistical Basis: None specified
124	[40 CFR 60.334(a)]	Fuel recordkeeping by CMS continuously. Record fuel consumption. Subpart GG. [40 CFR 60.334(a)]

SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
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EQT0011 Compressor Turbine No. 3

125	[40 CFR 60.334(a)]	Ratio monitored by CMS continuously, except as specified in 40 CFR 60.334(b). Monitor the ratio of water or steam to fuel being fired in the turbine. Subpart GG. [40 CFR 60.334(a)] Which Months: All Year Statistical Basis: None specified
126	[40 CFR 60.334(a)]	Ratio recordkeeping by CMS continuously. Record the ratio of water or steam to fuel being fired in the turbine. Subpart GG. [40 CFR 60.334(a)]
127	[40 CFR 60.334(g)]	Monitor the steam or water to fuel ratio or other parameters that are continuously monitored as described in 40 CFR 60.334(a), (d) or (f) during the performance test required under 40 CFR 60.8, to establish acceptable values and ranges. Develop and keep on-site a parameter monitoring plan which explains the procedures used to document proper operation of the NOx emission controls. Include the parameter(s) monitored and the acceptable range(s) of the parameter(s) as well as the basis for designating the parameter(s) and acceptable range(s). Include any supplemental data such as engineering analyses, design specifications, manufacturer's recommendations and other relevant information in the monitoring plan. Subpart GG. [40 CFR 60.334(g)]
128	[40 CFR 60.334(h)(3)1]	Notwithstanding the provisions of paragraph (h)(1) of this section, the owner or operator may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in ¿60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use the gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less. Subpart GG. [40 CFR 60.334(h)(3)1]
129	[40 CFR 60.335]	Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG.
130	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
131	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
132	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0013 Auxiliary Air Compressor

133	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
134	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0014 Turbine Emergency Generator

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SPECIFIC REQUIREMENTS

AI ID: 3247 - Texas Gas Transmission LLC - Bastrop Compressor Station
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EQT0014 Turbine Emergency Generator

135	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
136	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0015 Emergency Generator No. 2

137	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
138	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0016 Communications Emergency Generator

139	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
140	[LAC 33:III.1513.C]	Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

FUG0001 Fugitive Emissions

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

UNF0001 Bastrop Compressor Station

142	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
143	[40 CFR 70.5(a)(1)(iii)]	Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

SPECIFIC REQUIREMENTS

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Activity Number: PER20070001
Permit Number: 1920-00012-V3
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144	[40 CFR 70.6(a)(3)(iii)(A)]	Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
145	[40 CFR 70.6(a)(3)(iii)(B)]	Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
146	[40 CFR 70.6(c)(5)(iv)]	Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
147	[LAC 33:III.1103]	Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
148	[LAC 33:III.1109.B]	Outdoor burning of waste material or other combustible material is prohibited.
149	[LAC 33:III.1303.B]	Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
150	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
151	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
152	[LAC 33:III.2901.D]	Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
153	[LAC 33:III.2901.F]	If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
154	[LAC 33:III.5611.A]	Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
155	[LAC 33:III.5611.B]	During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
156	[LAC 33:III.919.D]	Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

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157	[LAC 33:III.927]	Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:I.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.