



CC 8-1440-2003#700012

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

34-00000

SECTION D	20. PART TYPE		21. PART NAME, ALTITUDE'S NAME AND MODEL NUMBER		22. PART WEIGHT		23. PART NUMBER	
	07		Northington WTC-16ST		18.9		A7220	
SECTION E	24. NUMBER TYPE		25. NUMBER MANUFACTURER'S NAME AND MODEL NUMBER		26. PART TYPE		27. MAX. QUANTITY OF FUEL	
	52		11805		13576		103	
SECTION F	28. DATE/YEAR		29. IN OPERATION BY SEASON		30. NAME OF SUPPLIER		31. QUANTITY OF FUEL	
	24		365		2/5 2/5 2/5 2/5		103	
SECTION G	32. NUMBER TYPE		33. NUMBER MANUFACTURER'S NAME AND MODEL NUMBER		34. PART TYPE		35. MAX. QUANTITY OF FUEL	
	52		11805		13576		103	
SECTION H	36. DATE/YEAR		37. IN OPERATION BY SEASON		38. NAME OF SUPPLIER		39. QUANTITY OF FUEL	
	24		365		2/5 2/5 2/5 2/5		103	
SECTION I	40. NUMBER TYPE		41. NUMBER MANUFACTURER'S NAME AND MODEL NUMBER		42. PART TYPE		43. MAX. QUANTITY OF FUEL	
	52		11805		13576		103	
SECTION J	44. DATE/YEAR		45. IN OPERATION BY SEASON		46. NAME OF SUPPLIER		47. QUANTITY OF FUEL	
	24		365		2/5 2/5 2/5 2/5		103	

See attached calculations.

When completed, provide this to the nearest State Office and forward to the appropriate field representative.	THE SIGNATURE OF AUTHORIZED REPRESENTATIVE OF AGENT	DATE
THE STATEMENT COMPLETION INSTALLATION HAS BEEN COMPLETED AND WILL BE OPERATED IN ACCORDANCE WITH BICRED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.		

1. LOCATION CODE	2. FACILITY ID. NO.	3. REG. M.T.M. #2	4. U.T.M. #4	5. SIG. NUMBER	6. DATE APPL. PRESENTED	7. DATE APPL. RECEIVED	8. REVIEWED BY
1440100	01009	18163	73119	48122	1-1	8/11/96	L. J. J. J. J.
PERMIT TO CONSTRUCT							
10. DATE ISSUED	11. EXPIRATION DATE	12. SIGNATURE OF APPLICANT	13. FEE	14. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 15. THIS IS NOT A CERTIFICATE TO OPERATE 16. TESTS PRIOR TO ADDITIONAL EMISSION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE			
08/22/95	08/18/96	Richard J. J. J.					
RECOMMENDED ACTION RE: C.O.				17. <input checked="" type="checkbox"/> INSPECTED BY <u>L. J. J. J.</u> DATE <u>9/6/96</u> 18. <input type="checkbox"/> INSPECTION DISCLOSED DEFICIENCIES AS SHOWN IN REPORT, CHARGES INDICATED ON FORM 19. <input checked="" type="checkbox"/> ISSUE CERTIFICATE TO OPERATE FOR REPAIR 20. <input type="checkbox"/> APPLICATION FOR C.O. DENIED DATE _____ INITIALS: _____			
08/22/95	01/01/01	Richard J. J. J.					
21. SPECIAL COMMENTS:							
EMISSION TESTING MAY BE REQUIRED TO QUANTIFY NOX COMPLIANCE FOR NO. 15. TUBER PER CHANGE HP 16m. TESTING SHOULD BE COMPLETED WITHIN 6 MONTHS OF L.E.C. INSTALLATION.							

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE CO 0-1440-00034/00013

READ INSTRUCTIONS
CONTAINED IN
FORM 78-11-4
BEFORE ANSWERING
ANY QUESTION

TO BE COMPLETED FROM ALL SOURCES UNDER ITEM 17 AND OTHER SOURCES AS DEEMED IN THE INSTRUCTION FORM 78-11-4

THE STATIONARY COMBUSTION INSTALLATION HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED REGULATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

134. SIGNATURE OF AUTHORIZED REPRESENTATIVE OF AGENT

DAU

1. SPECIAL CONDITIONS	2. FOR NO_x COMPLIANCE LEVEL
3. EMISSION TESTING WILL BE REQUIRED	4. FOR NO_x IS 7.0 GRAM PER GROSS
5. FOR NO_x IS 7.0 GRAM PER GROSS	6. HARBORMASTER HANDLING TESTING SHOULD
7. BE COMPLETED WITHIN 6 MONTHS OF	8. L.E.C. INSTALLATION.

LOCATION: 174906 000090-003410

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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STATIONARY COMBUSTION INSTALLATION

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE CD 9-1448-00034/00014

NAME OF OWNER/FIRM: Tennessee Gas Pipeline
P.O. Box 2511
CITY: TOWN: STATE: TX ZIP: 77252

NAME OF AUTHORIZED AGENT: Frank Kosloski
2000 Corporate
CITY: TOWN: STATE: TX ZIP: 77252

TELEPHONE: 14724

FACILITY NAME OF CURRENTLY FROM OWNER/FIRM: Compressor Station 229
7586 East Eden Road
CITY: TOWN: STATE: TX ZIP: 77252

EDEN 14057

BUILDING NAME OR NUMBER: "A" Building
FLOOR NAME OR NUMBER: 1

START UP DATE: 08/95

DEVELOPMENT NUMBER OF PLANS SUBMITTED: 2

NAME & TITLE OF OWNER REPRESENTATIVE: Robert K. Goldman
Environmental Scientist
TELEPHONE: 757-5421

NAME & TITLE OF AGENT: Robert K. Goldman
TELEPHONE: 757-5421

PERMIT TO CONSTRUCT: ☐ NEW SOURCE ☐ EXISTING ☐ MODIFICATION

PERMIT TO OPERATE: ☐ NEW SOURCE ☐ EXISTING ☐ MODIFICATION

NO.	EMISSION POINT NO.	NO. BURNING EQUIPMENT	HEAT INPUT (BTU)	HEAT OUTPUT (BTU)	NO. BURNING EQUIPMENT	HEAT INPUT (BTU)	HEAT OUTPUT (BTU)	NO. BURNING EQUIPMENT	HEAT INPUT (BTU)	HEAT OUTPUT (BTU)
0	0	3	1005	-5.94	29.28	16	550	61	5100	10.9

UNIT TYPE: 07
UNIT MANUFACTURER'S NAME AND MODEL NUMBER: Worthington UTC - 165T
UNIT HEAT INPUT: 10.9 hr
AIR INTAKE: 01
SOURCE CODE: A7220

BURNER TYPE: 52
FUEL TYPE: 11805 hr
MAX. QUANTITY OF FUEL: 13576 hr
QUANTITY OF FUEL: 103 yr

OPERATION BY SEASON: Winter, Spring, Summer, Fall
OPERATION BY SEASON: Winter, Spring, Summer, Fall

MANUFACTURER'S NAME AND MODEL NUMBER: Low Pressure Compressor
EXHAUST: 9
DATE INSTALLED: 8/96
UNIT NO.: 20

See attached calculations.

TO BE COMPLETED FOR ALL SOURCES USING ITEM 17 AND OTHER SOURCES AS DEFINED IN THE INSTRUCTION FORM NO. 114

E M I S S I O N	CONTAMINANT			EMISSIONS				DURANT EFFICIENCY	HOURLY EMISSIONS (lb/hr)		ANNUAL EMISSIONS (lb/yr)		
	NAME	CAS NUMBER	ACTUAL	UNIT	MON DET	PERCENT	ACTUAL		TP	PERCENT			
TR	HEAVY PARTICULATES	78	NYDS - 68 - 0	0.006	11	5	98	0.05	515	97	98		
MR	SULFUR DIOXIDE	60	7448 - 08 - 5	0.0006	11	5	98	0.006	53	98	98		
MR	ETHYLENE GLYCOL	109	AT250 - 28 - 6	1.98	11	9	100	21.5	1892	100	100		
MR	Nonmethane/Nonethane VOCs	112		0.1	11	5	100	1	2636	100	100		
MR	Carbon Monoxide	120		1.59	11	1	100	10.6	16260	100	100		

LOCATION FACILITY EMISSION POINT
A 14400000090009A C

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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YELLOW - APPLICANT



STATIONARY COMBUSTION INSTALLATION

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE CO 9-1440-00034/00015

PC 9-1440-00034/00015

S E C T I O N A	1. NAME OF OWNER / FIRM Tennessee Gas Pipeline	2. NAME OF AUTHORIZED AGENT Frank Koslosky	3. FACILITY NAME IF DIFFERENT FROM OWNER / FIRM Compressor Station 229
	4. NUMBER AND STREET ADDRESS P.O. Box 2511	5. NUMBER AND STREET ADDRESS 2000 Corporate	6. FACILITY LOCATION (NUMBER AND STREET ADDRESS) 7586 East Eden Road
	7. CITY - TOWN - VILLAGE Houston TX 77252	8. CITY - TOWN - VILLAGE Clymer	9. CITY - TOWN - VILLAGE Eden
	10. ZIP 77252	11. ZIP 14724	12. ZIP 14057
13. OWNER CLASSIFICATION <input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> UTILITY <input type="checkbox"/> MUNICIPAL <input type="checkbox"/> RESIDENTIAL		14. NAME OF P.E. OR ARCHITECT ROBERT K. GOLDMAN	15. TELEPHONE 60817
16. NAME & TITLE OF OWNER'S REPRESENTATIVE Nasir Ghani Environmental Scientist		17. SIGNATURE OF OWNERS REPRESENTATIVE <i>Nasir Ghani</i>	
18. PERMIT TO CONSTRUCT <input type="checkbox"/> NEW SOURCE <input type="checkbox"/> MODIFICATION		19. CERTIFICATE TO OPERATE <input type="checkbox"/> NEW SOURCE <input type="checkbox"/> MODIFICATION	

20. EMISSION POINT ID 01004A	21. GROUND ELEVATION (FT.) 1005	22. HEIGHT ABOVE STRUCTURE (FT.) -6.94	23. STACK HEIGHT (FT.) 29.28	24. INSIDE TEMPERATURE (°F) 16	25. EXIT TEMPERATURE (°F) 550	26. EXIT VELOCITY (FT/SEC) 61	27. EXIT FLOW (ACTUAL) 5100	28. HEAT INPUT (MILLION BTU/H) 10.9	29. IDENTIFIABLE MONITORS HA	30. A. <input type="checkbox"/> OXYGEN <input type="checkbox"/> CO <input type="checkbox"/> CO2 <input type="checkbox"/> NO2 <input type="checkbox"/> SO2 <input type="checkbox"/> H2S <input type="checkbox"/> OTHER
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S E C T I O N C	31. UNIT TYPE 07	32. UNIT MANUFACTURER'S NAME AND MODEL NUMBER Worthington UTC - 16ST	33. UNIT HEAT INPUT 10.9 MBTU	34. AIR INTAKE 01	35. SOURCE CODE A7220
	36. BURNER TYPE 24	37. NO. OF BURNERS 365	38. BURNER MANUFACTURER'S NAME AND MODEL NUMBER 215 215 215 215	39. FUEL TYPE 52	40. AVG. QUANTITY OF FUEL (HR) 11805
	41. MAX. QUANTITY OF FUEL (HR) 13576	42. QUANTITY OF FUEL (HR) 103	43. NAME OF SUPPLIER(S) 1	44. NAME OF SUPPLIER(S) 1	45. NAME OF SUPPLIER(S) 1
	46. NAME OF SUPPLIER(S) 1	47. NAME OF SUPPLIER(S) 1	48. NAME OF SUPPLIER(S) 1	49. NAME OF SUPPLIER(S) 1	50. NAME OF SUPPLIER(S) 1

51. NAME OF SUPPLIER(S) 1	52. NAME OF SUPPLIER(S) 1	53. NAME OF SUPPLIER(S) 1	54. NAME OF SUPPLIER(S) 1	55. NAME OF SUPPLIER(S) 1	56. NAME OF SUPPLIER(S) 1
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See attached calculations.

TO BE COMPLETED FOR ALL SOURCES USING ITEM 27 AND OTHER SOURCES AS DEFINED IN THE INSTRUCTION FORM 75-11-4

CONTAMINANT	NAME	CAS NUMBER	EMISSIONS				% CONTROL EFFICIENCY	HOURLY EMISSIONS (LB/HR)		ANNUAL EMISSIONS (LB/HR)			
			ACTUAL	UNIT	MON. DET.	PERMISS.		ACTUAL	PERMISS.	ACTUAL	PERMISS.	ACTUAL	PERMISS.
79A	TOTAL PARTICULATES	79	0.006	11	5	5	85	0.06	57	57	57	57	57
80	SULFUR DIOXIDE	7446-08-6	0.0006	11	5	5	85	0.006	53	53	53	53	53
100	NITROGEN OXIDES	101	1.98	11	5	1.98	100	21.6	189	189	189	189	189
111	Nonmethane/Nonethane VOCs	112	0.1	11	5	0.1	112	1.1	9536	9536	9536	9536	9536
122	Carbon Monoxide	123	1.69	11	1	1.69	125	18.5	162060	162060	162060	162060	162060

Upon completion of construction also the statement below and forward to the appropriate field representative
THE STATIONARY COMBUSTION INSTALLATION HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

134. LOCATION CODE 14400000090009A	135. FACILITY ID. NO. 00091861273194922	136. U.T.M. (E) 73194922	137. U.T.M. (N) 73194922	138. SIG. NUMBER 73194922	139. DATE APPL. RECEIVED 1/1/95	140. DATE APPL. REVIEWED 8/11/95	141. REVIEWED BY L. Smith, PE
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PERMIT TO CONSTRUCT			
142. DATE ISSUED 03/22/95	143. EXPIRATION DATE 08/18/96	144. SIGNATURE OF APPLICANT <i>Richard P. Smith</i>	145. FEE 0

RECOMMENDED ACTION RE: 00			
146. DATE APPL. RECEIVED 02/18/97	147. EXPIRATION DATE 01/01/01	148. SIGNATURE OF APPLICANT <i>J. D. Smith</i>	149. FEE 0

150. SPECIAL CONDITIONS Stack Testing will be required to verify NOx emission levels of 7.0 ppm for each boiler. Testing must be performed within 6 months of L.E.C. installation.	151. <input checked="" type="checkbox"/> INSPECTED BY L. Smith, PE	152. <input checked="" type="checkbox"/> INSPECTION DISCLOSED DIFFERENCES AS BUILT VS. PERMIT. CHANGES INDICATED ON FORM	153. <input type="checkbox"/> ISSUE CERTIFICATE TO OPERATE FOR SOURCE	154. <input type="checkbox"/> APPLICATION FOR C.O. DENIED
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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STATIONARY COMBUSTION INSTALLATION

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

EO 9-1440-00034/00616

COPIES
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- REGIONAL OFFICE
- FIELD OFFICE
- FIELD OFFICE
- FIELD OFFICE

1. NAME OF OWNER / FIRM Jenness Gas Pipeline		2. NAME OF AUTHORITY Frank K. K...		3. PHONE 934-1301		4. FACILITY NAME OF DIFFERENT FROM OWNER / FIRM Compressor Station 279	
5. ADDRESS P.O. Box 2511		6. ADDRESS 2000 Corporate		7. ADDRESS 200		8. FACILITY LOCATION (NUMBER AND STREET ADDRESS) 7585 East Eden Road	
9. CITY - STATE - ZIP Houston TX 77252		10. CITY - STATE - ZIP Clymer NY 14724		11. CITY - STATE - ZIP Eden 14057		12. CITY - STATE - ZIP Eden 14057	
13. BUSINESS CLASSIFICATION <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> UTILITY <input type="checkbox"/> MANUFACTURING <input type="checkbox"/> SERVICE <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> OTHER		14. TYPE OF FUEL OR FUELS CLYMER		15. TYPE OF FUEL OR FUELS CLYMER		16. TYPE OF FUEL OR FUELS CLYMER	
17. NAME & TITLE OF ENGINEER REPRESENTATIVE Nasir Ghani Environmental Scientist		18. SIGNATURE OF ENGINEER REPRESENTATIVE (713) 757-5421		19. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		20. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN	
21. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		22. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		23. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		24. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN	
25. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		26. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		27. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		28. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN	
29. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		30. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		31. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN		32. SIGNATURE OF AUTHORITY REPRESENTATIVE ROBERT K. GOLDMAN	

33. UNIT TYPE 07		34. UNIT MANUFACTURER'S NAME AND MODEL NUMBER Northrup LTR - 1657		35. UNIT HEAT INPUT 70.9 hr		36. AIR INTAKE 61		37. SOURCE CODE A7220	
38. BURNER TYPE 52		39. BURNER MANUFACTURER'S NAME AND MODEL NUMBER 11805 hr		40. MAX. QUANTITY OF FUEL 13576 hr		41. MAX. QUANTITY OF FUEL 103 hr		42. MAX. QUANTITY OF FUEL 103 hr	
43. MAX. QUANTITY OF FUEL 103 hr		44. MAX. QUANTITY OF FUEL 103 hr		45. MAX. QUANTITY OF FUEL 103 hr		46. MAX. QUANTITY OF FUEL 103 hr		47. MAX. QUANTITY OF FUEL 103 hr	
48. MAX. QUANTITY OF FUEL 103 hr		49. MAX. QUANTITY OF FUEL 103 hr		50. MAX. QUANTITY OF FUEL 103 hr		51. MAX. QUANTITY OF FUEL 103 hr		52. MAX. QUANTITY OF FUEL 103 hr	

53. MANUFACTURER'S NAME AND MODEL NUMBER Low Emission Combustion		54. DISPOSAL METHOD 9		55. DATE INSTALLED 6/22/96		56. USEFUL LIFE 20	
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See attached calculations.

TO BE COMPLETED FOR ALL BURNERS USING ITEM 52 AND OTHER BURNERS AS DEFINED IN THE INSTRUCTION FORM 26314												
E C T	N	CONTAMINANT	DATE	EMISSIONS				N CONTROL EFFICIENCY	PERMIT EMISSIONS (LB/HR)		ANNUAL EMISSIONS (LB/YR)	
				ACTUAL	UNIT	HOW DET.	PERMITS		ACTUAL	PERMITS	ACTUAL	PERMITS
T	70	TOTAL PARTICULATES	NYDES - 02 - 0	0.006	1.1	0	0	0	0.06	516	516	
I	80	SULFUR DIOXIDE	7446 - 02 - 2	0.0006	1.1	0	0	0	0.006	53	53	
N	90	NITROGEN DIOXIDE	NYDES - 02 - 0	1.98	1.1	1.98	0	0	21.6	139	139	
F	110	Nonmethane/Nonethane VOCs		0.1	1.1	0	0	0	1.1	9536	9536	
	120	Carbon Monoxide		7.69	1.1	0	0	0	18.5	762060	762060	

130. SIGNATURE OF AUTHORITY REPRESENTATIVE OR AGENT
L. Nade, PE

131. LOCATION CODE 1440000009	132. FACILITY ID. NO. 18612	133. UTM X 73719	134. UTM Y 4922	135. DATE APPL. RECEIVED 8/11/96	136. DATE APPL. DENIED 8/11/96	137. REMITTED L. Nade, PE
<p>PERMIT TO CONSTRUCT</p> <p>138. DATE ISSUED 08/22/95</p> <p>139. EXPIRATION DATE 08/18/96</p> <p>140. SIGNATURE OF APPLICANT Richard J. Swarney</p> <p>141. SIGNATURE OF APPLICANT Richard J. Swarney</p> <p>142. SIGNATURE OF APPLICANT Richard J. Swarney</p>						
<p>RECOMMENDED ACTION BY: 9.9.01</p> <p>143. DATE ISSUED 02/18/97</p> <p>144. EXPIRATION DATE 01/01/01</p> <p>145. SIGNATURE OF APPLICANT Richard J. Swarney</p> <p>146. SIGNATURE OF APPLICANT Richard J. Swarney</p> <p>147. SIGNATURE OF APPLICANT Richard J. Swarney</p>						
<p>148. SPECIAL COMMENTS</p> <p>Stack testing will be required to</p> <p>grams per hour. Testing must be performed within</p> <p>6 months of L.E.C. installation.</p> <p>verify the emission levels of 7.0</p> <p>Testing must be performed within</p>						



APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

[illegible]

SECTION	30. UNIT TYPE 07		31. UNIT MANUFACTURER'S NAME AND MODEL NUMBER Worthington UTC - 165T		32. UNIT WEIGHT 10.9 hr		33. AIR INTAKE 01		34. SOURCE CODE A7220				
	35. BURNER TYPE		36. NO. OF BURNERS		37. BURNER MANUFACTURER'S NAME AND MODEL NUMBER		38. FUEL TYPE 52		39. ADD. QUANTITY OF FUEL (GAL) 11805 hr				
	40. MAX. QUANTITY OF FUEL (GAL) 13576 hr		41. QUANTITY OF FUEL (GAL) 103 yr		42. NAME OF SUPPLIER(S)		43. % OPERATION BY SEASON Winter 25 Spring 25 Summer 25 Fall 25		44. NAME OF SUPPLIER(S)				
	45. BURNER TYPE		46. NO. OF BURNERS		47. BURNER MANUFACTURER'S NAME AND MODEL NUMBER		48. FUEL TYPE		49. ADD. QUANTITY OF FUEL (GAL)		50. MAX. QUANTITY OF FUEL (GAL)		51. QUANTITY OF FUEL (GAL)
SECTION	52. UNIT TYPE		53. UNIT MANUFACTURER'S NAME AND MODEL NUMBER		54. UNIT WEIGHT		55. AIR INTAKE		56. SOURCE CODE				
	57. BURNER TYPE		58. NO. OF BURNERS		59. BURNER MANUFACTURER'S NAME AND MODEL NUMBER		60. FUEL TYPE		61. ADD. QUANTITY OF FUEL (GAL)		62. MAX. QUANTITY OF FUEL (GAL)		63. QUANTITY OF FUEL (GAL)
SECTION	64. UNIT TYPE		65. UNIT MANUFACTURER'S NAME AND MODEL NUMBER		66. UNIT WEIGHT		67. AIR INTAKE		68. SOURCE CODE				
	69. BURNER TYPE		70. NO. OF BURNERS		71. BURNER MANUFACTURER'S NAME AND MODEL NUMBER		72. FUEL TYPE		73. ADD. QUANTITY OF FUEL (GAL)		74. MAX. QUANTITY OF FUEL (GAL)		75. QUANTITY OF FUEL (GAL)

See attached calculations.

DO NOT COMPLETE FOR ALL SOURCES USING FORM 37 AND OTHER SOURCES AS DEFINED IN THE INSTRUCTION FORM 26-51.4													
#	CONTAMINANT			EMISSIONS				IN CONTROL EFFICIENCY	NOXIOUS EMISSIONS (LB/HR)		APPROX EMISSIONS (LB/HR)		
	NAME	CAS NUMBER	ACTUAL	UNIT	HOW TEST	PERMISS.	ACTUAL		ACTUAL	10'	PERMISS.		
1	TOTAL PARTICULATES	NY299 - 00 - 0	0.0016	11	5			0.06	515	67	98		
2	SULFUR DIOXIDE	2442 - 00 - 0	0.0005	11	5			0.06	53	98			
3	NITROGEN DIOXIDE	NY219 - 00 - 0	1.95	11	5	100	1.98	21.6	189	110	189		
4	Formethane/Nonethane		0.1	10	10	100		1.1	1620	100			
5	Carbon Monoxide		1.69	10	10	100		18.5	1620	100			

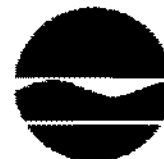
THE WASTEWATER COMBUSTION INSTALLATION HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS.

(3) SIGNATURE OF AUTHORIZED REPRESENTATIVE OF AGENT

34

[illegible]

New York State Department of Environmental Conservation
50 Wolf Road, Room 108, Albany, New York 12233-3254
Telephone (518) 457-7688, Facsimile (518) 457-0794



John P. Cahill
Acting Commissioner

February 24, 1997

Mr. Ronald Borsellino
Chief, Air Programs Branch - USEPA, Region II
290 Broadway - 20th Floor
New York, New York 10007-1866

Dear Mr. Borsellino:

Re: Tenneco Gas Pipeline: Compressor Station #245

On December 23, 1996, you were advised that a change was necessary for one of the emission limits in the single source revision to the State Implementation Plan (SIP) for the Tenneco Gas Pipeline compressor stations. The change was for the Worthington ML-12 engine located at compressor station #245 in West Winfield, New York. The emission limit for nitrogen oxides (NO_x) for this engine had to be changed from 7 grams per brake horsepower-hour (g/bhp-hr) to 13.3 g/bhp-hr. This change was necessary because Tenneco was unable to install and operate the pre-combustion chamber technology in a satisfactory manner.

This proposed revision in the SIP was advertised in the Environmental Notice Bulletin on January 1, 1997 (copy enclosed). No comments were received on this proposed change. Also enclosed is a copy of the special conditions for this compressor station. These conditions specify the NO_x emission limits for both the ML-12 engine and the UTC-165 engines at this station. In addition, the summary of required elements of a single source SIP revision for this engine and compressor station is enclosed.

This Department requests that the review of the single source SIP revision for the Tenneco compressor stations continue and include the revisions made for station #245. If you have any questions regarding this matter, please contact Thomas Christoffel, P.E., of my staff at (518) 457-7688.

Sincerely,

Donald H. Spencer, P.E.
Chief, Source Control Technology Section
Bureau of Stationary Sources
Division of Air Resources

Enclosures

Summary of Required Elements of a Single Source SIP Revision

Identification of facility and its location:

Tenneco Gas
Compressor Station #245
Box 57
Tennessee Road
West Winfield, New York 13419
EP 00006

Regulated pollutant:

Oxides of Nitrogen

EPA attainment/nonattainment designation and the status of the attainment plan for the facility's area:

Ozone Attainment in the Ozone Transport Region

Emission limitations:

The Worthington ML-12 engine must not exceed the NO_x emission limit of 13.3 grams per brake horsepower-hour.

Emission control method:

Low Emissions Combustion

Quantification of the change in SIP allowable emissions from affected source:

839 tons NO_x per year (see attached "Table 1")

RACT Evaluation - See previously sent reports: "Request for NO_x RACT determination by Tenneco Gas" and "Evaluation of Emissions Control Technology for Reciprocating Internal Engine-Compressor Units"

Evidence of Public Notice: See enclosed Environmental Notice Bulletin, dated January 1, 1997

Copy of Applications and Special Permit Conditions: Enclosed

**Special Conditions for Tenneco Gas Corporation
Compressor Station #245 - West Winfield
Emission Points 00001 - 00006 - Worthington, Ingersoll and D-R Engines**

1. The total annual emissions of nitrogen oxides from the nine engines at the station will be limited to 575 tons, calculated on a daily rolling average. Tenneco Gas Corporation will ensure that the engines comply with NYSDEC NO_x RACT requirements, 6NYCRR Part 227-2.

EMISSION LIMITS

1. Per engine NO_x is limited to 7 grams/brake horsepower-hour (g/bhp-hr) and 22 pounds per hour (lb/hr) for the Worthington UTC-165 engines and 13.3 g/bhp-hr and 102 lb/hr for the Worthington ML-12 engine. All emissions are based on a one hour average.
2. These limits apply at all loads of operation, except during periods of startup, malfunctions as stated in 6NYCRR Part 201.5(e)(2) and shutdowns (not to exceed three hours per occurrence).

OPERATING LIMITS

1. The Worthington UTC-165 and ML-12 engines, the Ingersoll PSVG-6 engines and the D-R/TLAD-6 engines will fire only natural gas.
2. If compliance testing on the emission points show NO_x emissions higher than 7 g/bhp-hr for the UTC-165 engine or 13.3 g/bhp-hr for the ML-12 engine, this source will be considered in violation of this permit.

PERFORMANCE TESTS:

Testing Requirements

1. Tenneco Gas Corporation shall conduct a stack test for NO_x within 90 days following the installation of control equipment.
2. All testing must be performed in accordance with Department approved protocols in advance of testing. Protocols must be submitted for review and approval at least 60 days prior to the proposed test date and the NYSDEC must be notified at least 30 days in advance of the testing date.
3. Tenneco Gas Corporation shall submit a report of the stack test results to the Department within 30 days following the completion of the emissions test.
4. Tenneco Gas Corporation shall submit an application to modify their certificate to operate, if necessary, based on the results of the stack test. Tenneco Gas Corporation shall ensure that the compressor engine will comply with the NYSDEC NO_x RACT requirements, as specified in 6NYCRR 227-2.

COMPLIANCE CERTIFICATION

1. The total annual fuel consumption for the six engines at the station will be limited to 375 million standard cubic feet until such time that the facility verifies compliance with the Department approved Tenneco Gas NO_x RACT Implementation Plan. Tenneco Gas will ensure that the equipment capable of recording the actual fuel consumption of the engine is properly operated and maintained. This equipment will be accurate to $\pm 5\%$. The facility will maintain a daily written log of rolling annual fuel consumption over 365 days where each day starts the summing period of a new 365 day period. The annual fuel limitation and monitoring requirements remain in effect until the Department approved stack test report for the emission points demonstrate that the engines can meet the NO_x emission limit of 7 g/bhp-hr for the UTC-165 engines or 13.3 g/bhp-hr for the ML-12 engine.
2. NYSDEC reserves the right to inspect this facility as deemed necessary to determine compliance with this permit. Such inspections may be performed without prior notification by NYSDEC. Routine inspections will be made during reasonable business hours; however, NYSDEC reserves the right to enter the facility at any time if there is cause to believe that the facility is in noncompliance.

RECORD KEEPING AND REPORTING

1. Tenneco Gas must comply with the notification and record keeping requirements of 40 CFR 60.7 for the gas compressor.
2. All copies of reports and notification required under this section must be submitted to the USEPA Region II Office and the NYSDEC Region 6 Office, with one copy sent to the NYSDEC Bureau of Enforcement and Regional Support in Albany. Unless stated otherwise, such reports or notification will be submitted within thirty days after the end of each calendar year quarter. The addresses of the above offices are as follows:

NYSDEC Region 6 Office
attn.: Matthew Polge
Division of Air
State Office Building
Watertown, New York 13601

NYSDEC
Division of Air
Bureau of Stationary Sources
50 Wolf Road
Albany, New York 12233-3254

USEPA
Region II
Director-Air & Waste Management Division
290 Broadway
New York, New York 10007-1866

3. All records required by this permit must be kept at the facility for the three most recent years, and must be made available upon request of a NYSDEC authorized agent.
4. A summary of the emission limits and operating restrictions of this permit must be posted in the control room of the facility and must be plainly visible (without obstructions) to the operator of the facility.

COMPLIANCE

1. Any violation of the conditions of this permit is subject to penalty under Article 71 of the New York State Environmental Conservation Law.

編 著：張其成、張其成

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

See attached calculations.
Low emission combustion retrofit for NOx
RUEI compliance 7.2 vhp.h

134 LOCATION (STATE)	135 FACILITY ID NO.	136 UTM ERS	137 ALT (M)	138 SIC NUMBER	139 DATE APPL. RECEIVED	140 DATE APPL. REVIEWED	141 REVIEWED BY
10/22/83	38	1176	7041	4523	7/11/85	9/15/85	17-500

PERMIT TO CONSTRUCT			
142 DATE ISSUED	143 EXPIRATION DATE	144 SIGNATURE OF APPROVAL	145 FEE
11/14/85	12/4/86	[Signature]	

RECOMMENDED ACTION RE: C.O.			
146 DATE REVIEWED	147 EXPIRATION DATE	148 SIGNATURE OF APPROVAL	149 FEE
1/1/86	1/1/86		

150	151
<input type="checkbox"/> INSPECTED BY _____ DATE _____ <input type="checkbox"/> INSPECTOR HAS OBSERVED DIFFERENCES AS BUILT VS. PERMIT, CHANGES INDICATED ON FORM <input type="checkbox"/> ISSUE CERTIFICATE TO OPERATE FROM SOURCE <input type="checkbox"/> APPLICATION FOR S.D. DENIED _____ DATE _____ INITIALS _____	1. DEMONSTRATION APPROVED APPLICATION SHALL HOLD THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. PERMIT AND/OR ADDITIONAL EMBARK CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE

152 SPECIAL COMMENTS
and approved and signed 9/15/85

[illegible]

See attached calculations.

Low emissions combustion retrofit
for NOX RACT compliance

TO BE COMPLETED FOR ALL SOURCES USING NEW 27 AND OTHER SOURCES AS DEFINED IN THE INSTRUCTIONS FORM 75-11-4														
S E C T I O N	T-OUT Allocation		Budgeted				% DEPENDENT EFFICIENCY		ACTUAL EFFICIENCY		ACTUAL EFFICIENCY		ACTUAL EFFICIENCY	
	NAME	CAS NUMBER	ACTUAL	UNIT	PERF. DEF.	PERMITS	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL
75.	JOHN PANTICAR	10759 - 20 - 0	0.005	11	5	125	0.06	515						
76.	JOHN PANTICAR	10759 - 20 - 0	0.0006	11	9	1000	0.006	53						
77.	JOHN PANTICAR	10759 - 20 - 0	1.00	11	1	158	23.6	1625						
78.	JOHN PANTICAR	10759 - 20 - 0	0.1	11	5	125	1.1	636						
79.	JOHN PANTICAR	10759 - 20 - 0	1.69	11	1	164	18.5	1626						

THE STRATONARY COMMUNICATIONS INSTALLATION HAS BEEN COMPLETED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL APPLICABLE LIFE SUPPORT REGULATIONS.

10A. LOGIC HORN CODE	10B. FLY BY NO.	10C. M.T. NO.	10D. M.T. NO.	10E. INC. NUMBER	10F. DATE APPL. RECEIVED	10G. DATE APPL. REVIEWED	10H. RECOMMEND. BY
107600	1158	21810	71041	4563	7/15/85	6/15/85	77-88

PERMIT TO CONSTRUCT			
10I. DATE ISSUED	10J. EXPIRATION DATE	10K. SIGNATURE OF APPROVAL	10L. FEE
10/4/85	10/4/86	<i>[Signature]</i>	

RECOMMENDED ACTION RE: C.O.	
10M. DATE ISSUED	10N. EXPIRATION DATE
1/1/86	1/1/86

10O. SPECIAL COMMENTS	10P. DATE
100 - ground conditions data 9/15/85	

LOCATION FACILITY EMISSION POINT
010102 010102 010102

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NAME - CHAIRMAN
TITLE - CHIEF OF AIR
WHITE - REGIONAL OFFICE
HOUSE - FIELD OFFICE
YELLOW - APPLICANT



STATIONARY COMBUSTION INSTALLATION

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

NAME OF OWNER / FIRM: Tennessee Gas Pipeline
NAME OF APPLICANT: R.G. Hall
FACILITY NAME: Tennessee Gas Pipeline - Station 254
EMISSION POINT NO.: 010102
FACILITY LOCATION: East of Route 66
CITY: CHATHAM, NY
STATE: TX
ZIP: 77252
COUNTY: Enfield
EQUIPMENT: Compressor Bldg "A"
EQUIPMENT TYPE: N/A
EQUIPMENT SERIAL NO.: 775-5423
EQUIPMENT MANUFACTURER: ROBERT K. GOLDMAN
EQUIPMENT MODEL: 440-2120
EQUIPMENT YEAR: 7/95
EQUIPMENT TYPE: N/A
EQUIPMENT SERIAL NO.: 775-5423
EQUIPMENT MANUFACTURER: ROBERT K. GOLDMAN
EQUIPMENT MODEL: 440-2120
EQUIPMENT YEAR: 7/95

1. EMISSION POINT NO. 010102
2. EMISSION POINT NAME 42R
3. EMISSION POINT TYPE 32
4. EMISSION POINT SIZE 70
5. EMISSION POINT LOCATION 24
6. EMISSION POINT COORDINATES 550
7. EMISSION POINT ELEVATION 33
8. EMISSION POINT DISTANCE 6209
9. EMISSION POINT DIRECTION 10.92
10. EMISSION POINT SPEED N/A
11. EMISSION POINT TYPE A
12. EMISSION POINT TYPE B
13. EMISSION POINT TYPE C
14. EMISSION POINT TYPE D
15. EMISSION POINT TYPE E
16. EMISSION POINT TYPE F
17. EMISSION POINT TYPE G
18. EMISSION POINT TYPE H
19. EMISSION POINT TYPE I
20. EMISSION POINT TYPE J

1. UNIT TYPE 07
2. UNIT NAME Northampton WTC-10ST
3. UNIT SERIAL NO. 1400 W/P
4. UNIT TYPE 10.92
5. UNIT NAME 01
6. UNIT TYPE 11805
7. UNIT NAME 1376
8. UNIT TYPE 103
9. UNIT NAME 103
10. UNIT TYPE 103
11. UNIT NAME 103
12. UNIT TYPE 103
13. UNIT NAME 103
14. UNIT TYPE 103
15. UNIT NAME 103
16. UNIT TYPE 103
17. UNIT NAME 103
18. UNIT TYPE 103
19. UNIT NAME 103
20. UNIT TYPE 103

1. EMISSION POINT NO. 010102
2. EMISSION POINT NAME 42R
3. EMISSION POINT TYPE 32
4. EMISSION POINT SIZE 70
5. EMISSION POINT LOCATION 24
6. EMISSION POINT COORDINATES 550
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11. EMISSION POINT TYPE A
12. EMISSION POINT TYPE B
13. EMISSION POINT TYPE C
14. EMISSION POINT TYPE D
15. EMISSION POINT TYPE E
16. EMISSION POINT TYPE F
17. EMISSION POINT TYPE G
18. EMISSION POINT TYPE H
19. EMISSION POINT TYPE I
20. EMISSION POINT TYPE J

See attached calculations.
Low emission combustion engine
for NOX FACT compliance

CONTAMINANT		EMISSION		EMISSION		EMISSION		EMISSION		EMISSION	
NAME	UNIT NUMBER	ACTUAL	UNIT	PERMITS	ACTUAL	UNIT	PERMITS	ACTUAL	UNIT	PERMITS	ACTUAL
COAL PARTICULATE	010102-01-01	0.005	13	5	0.005	13	5	0.005	13	5	0.005
NOX FACT	010102-01-02	0.006	13	5	0.006	13	5	0.006	13	5	0.006
NITROGEN OXIDES	010102-01-03	1.00	13	5	1.00	13	5	1.00	13	5	1.00
Nonmethane/Nonmethane VOCs	010102-01-04	0.1	13	5	0.1	13	5	0.1	13	5	0.1
Carbon Monoxide	010102-01-05	1.00	13	5	1.00	13	5	1.00	13	5	1.00

THE SIGNATURE OF APPLICANT REPRESENTATIVE ON PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

1. LOCATION CODE 010102
2. FACILITY NO. 010102
3. EMISSION POINT NO. 010102
4. EMISSION POINT NAME 42R
5. EMISSION POINT TYPE 32
6. EMISSION POINT SIZE 70
7. EMISSION POINT LOCATION 24
8. EMISSION POINT COORDINATES 550
9. EMISSION POINT ELEVATION 33
10. EMISSION POINT DISTANCE 6209
11. EMISSION POINT DIRECTION 10.92
12. EMISSION POINT SPEED N/A
13. EMISSION POINT TYPE A
14. EMISSION POINT TYPE B
15. EMISSION POINT TYPE C
16. EMISSION POINT TYPE D
17. EMISSION POINT TYPE E
18. EMISSION POINT TYPE F
19. EMISSION POINT TYPE G
20. EMISSION POINT TYPE H
21. EMISSION POINT TYPE I
22. EMISSION POINT TYPE J

PERMIT TO CONSTRUCT
DATE ISSUED 10/1/95
EXPIRATION DATE 10/1/96
SIGNATURE OF APPLICANT REPRESENTATIVE
DATE 10/1/95

RECOMMENDED ACTION BY: C.O.
DATE ISSUED 10/1/95
EXPIRATION DATE 10/1/96
SIGNATURE OF APPLICANT REPRESENTATIVE
DATE 10/1/95

FOR SPECIAL PERMITS
See special instructions dated 9/15/95

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

1. FAC. LOCATION CODE		2. FACILITY NO. INC.		3. ALT. NO. (S)		4. M.E.N. NO.		5. DC NUMBER		6. DATE APPL. RECEIVED		7. DATE APPL. REVIEWED		8. REVIEWED BY	
10200000		01151		4610		7054		4923		7/14/75		8/15/75		74-102	

PERMIT TO CONSTRUCT			
9. DATE ISSUED	10. EXPIRATION DATE	11. SIGNATURE OF APPROVAL	12. FEE
10/4/75	10/4/76	<i>[Signature]</i>	

RECOMMENDED ACTION REF. C.O.			
13. DATE ISSUED	14. EXPIRATION DATE	15. SIGNATURE OF APPROVAL	16. FEE
1/1	1/1		

17. 1. OPERATION FROM APPROVED APPLICATION SHALL HAVE THIS PERMIT		18. <input type="checkbox"/> INSPECTED BY <i>[Signature]</i> DATE <i>[Date]</i> 19. <input type="checkbox"/> INSPECTED UNLESS DIFFERENCES AS NOTED BY PERMIT, CHANGES INDICATED ON FORM 20. <input type="checkbox"/> WARE CONTRACTOR TO OPERATE FOR SOURCE 21. <input type="checkbox"/> APPLICATION FOR C.O. DENIED DATE _____ RETURNED _____
2. THIS IS NOT A CERTIFICATE TO OPERATE		
3. THIS IS ANOTHER ADDITIONAL RAPID RESPONSE CONTROL EQUIPMENT MAY BE REQUIRED FROM THE ISSUANCE OF A CERTIFICATE TO OPERATE		

19. OTHER COMMENTS	
SA "person" and "date" dated 9/15/75	

LOCATION: NEW YORK STATE
 STATIONARY COMBUSTION INSTALLATION

NEW YORK STATE
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NAME: CHAMBERLAIN
 DATE: 10/14/95
 TYPE: REGIONAL OFFICE
 NUMBER: FIELD REP.
 FOLDER: APPLICANT



STATIONARY COMBUSTION INSTALLATION

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

1. NAME OF OWNER/FIRM Tennessee Gas Pipeline		2. NAME OF AUTHORITY R.B. Hall		3. TELEPHONE (203) 763-6004		4. FACILITY NAME IF DIFFERENT FROM OWNER'S NAME Tennessee Gas Pipeline - Station 254	
5. PLANT LOCATION STREET ADDRESS P.O. Box 2511		6. NUMBER AND STREET ADDRESS 8 Ambridge		7. CITY/TOWN/VILLAGE Chatham, NY		8. ZIP CODE 12123	
9. COUNTY Housatonic		10. STATE TX		11. ZIP CODE 77252		12. BUILDING NAME OR NUMBER N/A	
13. TYPE OF COMBUSTION <input type="checkbox"/> DOMESTIC <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> MILITARY <input type="checkbox"/> OTHER		14. TYPE OF FUEL <input type="checkbox"/> LIQUID <input type="checkbox"/> SOLID <input type="checkbox"/> GASEOUS		15. TYPE OF HEAT EXCHANGER <input type="checkbox"/> RADIANT <input type="checkbox"/> CONVECTION <input type="checkbox"/> OTHER		16. DATE OF INSTALLATION 10/95	
17. NAME OF PERSON REPRESENTING Nasir Chaudhry Environmental Scientist		18. TELEPHONE (715) 757-5421		19. SIGNATURE OF AUTHORITY [Signature]		20. DATE OF SIGNATURE 10/14/95	

21. UNIT TYPE 0 0 0 0 0	22. UNIT MANUFACTURER'S NAME AND MODEL NUMBER 07 Worthington UIC-165T 1400 hp	23. UNIT HEAT INPUT 10.92 Btu/hr	24. AIR FLOW 01	25. SOURCE CODE 01
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26. FUEL TYPE 52	27. FUEL QUANTITY 33805 BTU	28. FUEL QUANTITY OF FUEL TYPE 13576 BTU	29. QUANTITY OF FUEL TYPE 103 BTU
30. FUEL TYPE 52	31. FUEL QUANTITY 33805 BTU	32. FUEL QUANTITY OF FUEL TYPE 13576 BTU	33. QUANTITY OF FUEL TYPE 103 BTU

34. NAME OF SUPPLIER Worthington	35. NAME OF SUPPLIER Worthington	36. NAME OF SUPPLIER Worthington	37. NAME OF SUPPLIER Worthington
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38. CALCULATIONS
 See attached calculations for NOx, CO, and SOx.
 Compliance.

4. COMPLETED FOR ALL SUPPLIERS USING THEM BY AND OTHER INDICES AS DEFINED BY THE INSTRUMENT FORM 76-144

NAME	CAB NUMBER	RANGE/SCALE				CONTROL EFFICIENCY	HOURLY EMISSIONS		ANNUAL EMISSIONS	
		ACTUAL	UNIT	NEW	PREVIOUS		ACTUAL	ANNUAL	ACTUAL	ANNUAL
101. TOTAL PARTICULATES	0.005 - 50 - 0	0.005	11	5	0.005	0.005	535	0.005	535	
102. SULFUR DIOXIDE	0.0006 - 50 - 0	0.0006	11	5	0.0006	0.0006	53	0.0006	53	
103. NITROGEN DIOXIDE	0.0006 - 50 - 0	0.0006	11	5	0.0006	0.0006	189216	0.0006	189216	
104. Nonmethane/Nonhalogen VOCs	0.0006 - 50 - 0	0.0006	11	5	0.0006	0.0006	9826	0.0006	9826	
105. Carbon Monoxide	0.0006 - 50 - 0	0.0006	11	5	0.0006	0.0006	162060	0.0006	162060	

40. SIGNATURE OF AUTHORITY REPRESENTATIVE OF OWNER
 [Signature]

41. DATE OF SIGNATURE
 10/14/95

42. PERMIT TO CONSTRUCT
 10/14/95

43. RECOMMENDED ACTION RE: C.O.
 10/14/95

44. SPECIAL CONDITIONS
 See attached calculations for NOx, CO, and SOx. Compliance.

SPECIAL CONDITIONS FOR
TENNECO GAS CORPORATION
COMPRESSOR STATION #254- COLUMBIA COUNTY
EMISSION POINT 00001-00005 - WORTHINGTON UTC-165T ENGINES
09/15/95

1. The total annual emissions of nitrogen oxides from the six engines at the station shall be limited to 583 tons. Tenneco Gas Corporation shall ensure that the engines will comply with NYSDEC NOx RACT requirements, 6NYCRR Part 227-2.

EMISSION LIMITS

1. Per engine NO_x is limited to 7 g/hp.hr. All emissions are based on a one hour average.
2. These limits apply at all loads of operation, except during periods of startup, malfunctions as stated in 6NYCRR Part 201.5(e)(2) and shutdown (not to exceed three hours per occurrence).

OPERATING LIMITS

1. The Worthington UTC-165 engine shall fire only natural gas.
2. If compliance testing on emission point 00006 shows NOx emissions higher than 7 g/hp.hr, this source will be considered in violation of its permit.

COMPLIANCE CERTIFICATION

1. The total annual fuel consumption for the six engines at the station shall be limited to 375 million standard cubic feet until such time that the facility verifies compliance with the Department approved Tenneco Gas NOx RACT Implementation Plan. Tenneco Gas shall ensure that the equipment capable of recording the actual fuel consumption of the engine is properly operated and maintained. This equipment must be accurate to $\pm 5\%$. The facility shall maintain a daily written log of rolling annual fuel consumption over 365 days where each day starts the summing period of a new 365 day period. The annual fuel limitation and monitoring requirements remain in effect until the Department approved stack test report for emission point 00006 demonstrates that the engines can meet its NOx emission limit of 7 g/hp.hr.
2. NYSDEC reserves the right to inspect this facility as deemed necessary to determine compliance with this permit. Such inspections may be performed without prior notification by NYSDEC. Routine inspections will be made during reasonable business hours, however, NYSDEC reserves the right to enter the facility at any time if there is cause to believe that the facility is in non-compliance.