

## Statement of Basis For Title V Permit

Company Name	Texas Eastern Transmission Corporation, Somerset Compressor Station	
Premise Number	06 64 00 0100	
Number of Non-insignificant Emissions Units	8	
What makes this facility a Title V facility?	NOX, CO	
Has each insignificant emissions unit been reviewed to confirm it meets the definition in 3745-77-01 (U)?	Y	

<b>Part II (State and Federally Enforceable Requirements)</b>			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745- )	Other	
Part III, A, II, 1	35-07		Operating hours restricted as a result of a netting PTI to avoid PSD review

- **Instructions for Part II:**

Each paragraph in Part II must be identified and the remainder of the table completed. If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. Whether the basis for the term and condition is the "SIP" or "Other," an explanation of each term and condition in Part II must be provided in the "Comments" section.

- If there were any "common control" issues associated with this facility, after the table for Part II, provide a summary of those issues and explain how the DAPC decided to resolve them.

**Part III (Requirements Within the State & Federally Enforceable Section)**

EU(s)	Limitation	Basis		OR	M	R	Rp	ET	Misc	Comments
		SIP (3745- )	Other							
B001 B002 B003 B004 B005 B006 B007 B009	20% opacity as a 6 minute average	17-07		N	N	N	N	Y	N	<p>Compliance with the visible emission limitation is assumed because natural gas is the only fuel burned in these emissions units. Visible emissions testing, if required, is also specified.</p> <p>These emissions units are considered to be inherently clean emissions units because they have an <u>uncontrolled</u> emissions unit that burns only natural gas. The particulate emissions from the units are due solely to the combustion of the fuel. Under normal operating conditions the emissions will not exceed the particulate of visible emission limitations.</p>
B001 B002 B003 B004 B005 B006 B007	0.35 # PM/ MMBtu	17-11		N	N	N	N	Y	N	<p>Compliance with the mass emission limit is assumed based on the AIRS Facility Subset Emission Factor for PM. Emission testing, if required, is also specified.</p> <p>These emissions units are considered to be inherently clean emissions units because they have an <u>uncontrolled</u> emissions unit that burns only natural gas. The particulate emissions from the units are due solely to the combustion of the fuel. Under normal operating conditions the emissions will not exceed the particulate of visible emission limitations.</p>
B009	0.040 # PM/ MMBtu	17-11		N	N	N	N	Y	N	<p>Compliance with the mass emission limit is assumed based on the AIRS Facility Subset Emission Factor for PM. Emission testing, if required, is also specified.</p> <p>These emissions units are considered to be inherently clean emissions units because they have an <u>uncontrolled</u> emissions unit that burns only natural gas. The particulate emissions from the units are due solely to the combustion of the fuel. Under normal operating conditions the emissions will not exceed the particulate of visible emission limitations.</p>
B001 B002 B003 B004 B005 B006 B007 B009	0.5 # SO2/ MMBtu	18-06		N	N	N	N	N	N	<p>Compliance with the sulfur dioxide emission limit of 0.5 #/MMBtu is assumed due to the negligible percent sulfur, by weight, in natural gas. Emission testing, if required, is also specified.</p> <p>These emissions units are considered to be inherently clean emissions units because they have an <u>uncontrolled</u> emissions unit that burns only natural gas. The particulate emissions from the units are due solely to the combustion of the fuel. Under normal operating conditions the emissions will not exceed the particulate of visible emission limitation.</p>

B009	NOX limit less stringent than netting limit. Natural gas must be < 0.8% sulfur by weight	40 CFR Part 60 Subpart GG		Y	Y	Y	Y	Y	Y	NOX limit is less stringent than PTI netting limit. OP: Use Dry-low NOX lean air combustion control. M: Monitor sulfur content in accordance with "custom schedule" pursuant to 40 CFR Part 60.334 R: Record sulfur content results Rp: Report sulfur content excursions ET: sulfur content shall be determined by ASTM methods listed in requirement III.A.V.5
B009	2.12#OC/hr 13.00#CO/hr 18.00#NOX/hr 78.84 TPY NOX 56.94 TPY CO 9.28 TPY OC	31-05		Y	N	N	N	N	Y	OP: Use dry-low NOX lean air combustion control when unit is in operation ET: emission testing shall be conducted for OC,CO,NOX to demonstrate compliance. Hourly tested rate shall be multiplied by the annual operating rate and divided by 2000 #/ton.

EU = emissions unit id

OR = operational restriction

M = monitoring requirements

R = recordkeeping requirements

Rp = reporting requirements

ET = emission testing requirements (not including compliance method terms)

Misc = miscellaneous requirements

• **Instructions for Part III:**

- All non-insignificant EUs must be included in this table. For each EU, or group of similar EUs, each emission limitation and control requirement specified in section A.I.1 and A.I.2 of the permit must be identified and the remainder of the table completed.
- If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. If the basis for the term and condition is "Other," an explanation of the basis must be provided in the "Comments" section.

To complete the remainder of the table after "Basis," except for the "Comments" section, simply specify a "Y" for yes or an "N" for no. For the "M", "R", "Rp" and "ET" columns, if "N" is specified, there should be a brief explanation in the "Comments" section as to why there are no requirements. Also, if a "Y" is noted under "OR" or "Misc," an explanation of the requirements should be provided in the "Comments" section. In addition to a general explanation of the "OR" and/or "Misc," the following should be provided:

1. For an operational restriction, clarify if appropriate monitoring, recordkeeping, reporting requirements have been specified for the operational restriction and indicate whether or not CAM is currently applicable.
2. If a control plan and schedule is included in the "Miscellaneous Requirements" section of the permit, provide an explanation in the "Comments" section of the violation, basis for the violation, and the company's proposed control plan and schedule.

3. If superseding language is included in the “Miscellaneous Requirements” section of the permit, explain which requirements are being superseded and which requirements are being superseded on the State-only side of the permit and why they are on the State-only side.

An explanation is not required if an “N” is noted in the “OR” column or in the “Misc” column.

- Any unusual requirements or aspects of the terms and conditions in Part III that are not self-explanatory should be explained in a paragraph following the table for Part III.