

Statement of Basis For Title V Permit

Version 2. - 3/27/98

Company Name	Techneglas Inc		
Premise Number	0125040296		
Number of Non-insignificant Emissions Units	9		
What makes this facility a Title V facility?	Potential Emissions of NOx exceed those levels which trigger Title V permitting requirements.		
Has each insignificant emissions unit been reviewed to confirm it meets the definition in 3745-77-01 (U)?	yes		

Part II (State and Federally Enforceable Requirements)			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
n/a			

▼ **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-)	Oth er							
P007	9.59 lbs SO2/hr & 42 tons SO2/yr	31- 05(A)(3) (PTI # 01- 8104)		y	n	n	n	n	n	OR- Only natural gas shall be burned. M: No monitoring requirements are necessary to show compliance. R: No record keeping requirements are necessary to show compliance. Rp: No reporting requirements are necessary to show compliance. T: No testing requirements are necessary to show compliance. Compliance demonstrated through calculations.
P007	160 lbs Nox/hr & 584 tons Nox/yr	31- 05(A)(3) (PTI # 01- 8104)		y	n	n	n	y	n	OR- Only natural gas shall be burned. M: No monitoring requirements are necessary to show compliance. R: No record keeping requirements are necessary to show compliance. Rp: No reporting requirements are necessary to show compliance.
P007	9.1 lbs OC/hr & 39.9 tons OC/yr	31- 05(A)(3) (PTI # 01- 8104)		y	n	n	n	n	n	OR- Only natural gas shall be burned. M: No monitoring requirements are necessary to show compliance. R: No record keeping requirements are necessary to show compliance. Rp: No reporting requirements are necessary to show compliance. T: No testing requirements are necessary to show compliance. Compliance demonstrated through calculations.
P007	8.33 lbs PM/hr & 36.49 tons PM/yr	31- 05(A)(3) (PTI # 01- 8104)		y	y	y	y	y	n	OR- ESP is maintained within specific key parametric ranges. .
P007	5.0 lbs CO/hr & 21.9 tons CO/yr	31- 05(A)(3) (PTI # 01- 8104)		y	n	n	n	n	n	OR- Only natural gas shall be burned. M: No monitoring requirements are necessary to show compliance. R: No record keeping requirements are necessary to show compliance. Rp: No reporting requirements are necessary to show compliance. T: No testing requirements are necessary to show compliance. Compliance demonstrated through calculations.
P007	3.7 lbs lead/hr & 16.21 tons lead/yr	31- 05(A)(3) (PTI # 01- 8104)		y	y	y	y	y	n	OR- ESP is maintained within specific key parametric ranges.

P004&P007	Opacity shall not exceed 20% as a six minute average except as provided by rule	17-07(A)		y	y	y	y	n	n	OR- ESP is maintained within specific key parametric ranges. ET- If required, the permittee will perform Method 9.
F004, P901&P902	Opacity shall not exceed 20% as a six minute average except as provided by rule	17-07(A)		y	y	y	y	y	n	OR- The baghouse is required to be maintained within a specific pressure drop range.
F004	21.13 lbs PE/hr based upon Table I	17-11-(B)(1)		y	y	y	y	y	n	OR- The baghouse is required to be maintained within a specific pressure drop range.
F005	0.5 lb PE/hr	PTI # 01-3697		y	y	y	y	y	n	OR- The baghouse is required to be maintained within a specific pressure drop range.
F005	0.38 lb Pb/hr	PTI # 01-3697		y	y	y	y	y	n	OR- The baghouse is required to be maintained within a specific pressure drop range.
F005	No visible emissions	PTI # 01-3697		y	y	y	y	n	n	OR- The baghouse is required to be maintained within a specific pressure drop range. ET- If required, the permittee will perform Method 9.
P023	0.58 lb PE/hr& 2.55 ton PE/yr	PTI # 01-8116		y	y	y	y	y	n	OR- The baghouse is required to be maintained within a specific pressure drop range.
P023	0.136 lb Pb/hr& 0.596 ton Pb/yr	PTI # 01-8116		y	y	y	y	y	n	OR- The baghouse is required to be maintained within a specific pressure drop range.

P023	Opacity from the stack shall not exceed 5%	PTI # 01-8116		y	y	y	y	n	n	OR- The baghouse is required to be maintained within a specific pressure drop range. ET- If required, the permittee will perform Method 9.
P023, P901 & P902	Opacity from fugitive emissions shall not exceed 20% as a three minute average	17-08(B)(1)		y	y	y	y	n	n	OR- The baghouse is required to be maintained within a specific pressure drop range. ET- If required, the permittee will perform Method 9.
P901 & P902	40.3 lb PE/hr based upon Table I	17-11(B)(1)		y	y	y	y	y	n	OR- The baghouse is required to be maintained within a specific pressure drop range.
P021 & P022	0.015 mg/dscm	40CFR 63subpart N		y	y	y	y	y	n	OR- The permittee is required to operate the emission unit in compliance with the work practices detailed in the MACT standard.
P004	196.26 lbs SO2/hr	18-06(D)		y	y	y	y	n	n	OR- Only natural gas shall be burned. ET- If required, the permittee will demonstrate compliance through emissions testing(Methods 1-4 and 6C)
P004	8.33 lbs PM/hr & 36.49 tons PM/yr	77-03		y	y	y	y	y	n	OR- ESP is maintained within specific key parametric ranges.

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.