

Statement of Basis For Title V Permit

Company Name	University of Cincinnati	
Premise Number	1431070849	
Number of Non-insignificant Emissions Units	8	
What makes this facility a Title V facility?	SO2, NOx, CO	
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	
B.1.			See Part II.B.1.

- **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 (374 5-)	Other							
B005	20% Opacity	17-07(A)	N	N	N	N	N	N	N	M. No monitoring required to demonstrate compliance. R. No record keeping required to demonstrate compliance. Rp. No reports required to demonstrate compliance. ET. No testing required to demonstrate compliance.
	0.020 LB PM/MMBtu actual heat input.	17-10	N	N	Y	Y	Y	N	N	M. Oil sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
	0.3 LB SO2/MMBtu actual heat input.	18-06(C)	N	Y	Y	Y	Y	N	N	OR Limits on sulfur content and heat content of fuel M. Oil sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
B019-B020	20% Opacity	17-07(A)	N	N	Y	Y	N	N	N	M. Monitoring required to demonstrate compliance. R. Record keeping required to demonstrate compliance. Rp. Deviation reports required to demonstrate compliance. ET. No testing required to demonstrate compliance.
	Gas-Fired: 0.005 LB PM/MMBtu actual heat input Oil-fired: 0.02 LB PM/MMBtu actual heat input	N	Y	Y	Y	Y	Y	Y	N	OR Fuel usage and specification restrictions M. Fuel sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.

	Gas-Fired: 0.20 LB NOx/MMBtu actual heat input. Oil-fired: 0.20 LB NOx/MMBtu actual heat input.	N	Y	Y	Y	Y	Y	N		OR Fuel usage and specification restrictions M. CEM for NOx R. Monthly record keeping required to determine compliance. Rp. Deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance. Misc.QA/QC plan for NOx monitor
	Gas-fired: 0.06 LB SO2/Million cu. ft nat.gas. Oil-fired: 0.30 LB SO2/MMBtu actual heat input.									OR Fuel usage and specification restrictions M. Fuel sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
	Gas-Fired: 0.03 LB CO/MMBtu actual heat input. Oil-fired: 0.03 LB CO/MMBtu actual heat input.									OR Fuel usage and specification restrictions M. Fuel sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
	Gas-Fired: 0.001 LB OC/MMBtu actual heat input. Oil-fired: 0.001 LB CO/MMBtu actual heat input.									OR Fuel usage and specification restrictions M. Fuel sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
B103	20% Opacity	17- 07(A)	N	N	N	N	N	N	N	M. No monitoring required to demonstrate compliance. R. No record keeping required to demonstrate compliance. Rp. No reports required to demonstrate compliance. ET. No testing required to demonstrate compliance.

	0.18 LB PM/MMBtu actual heat input.	17-10	N	N	Y	Y	Y	N	N	M. Coal sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
	1.45 LB SO2/MMBtu actual heat input.	18-06(C)	N	Y	Y	Y	Y	N	N	OR Limits on sulfur content and heat content of fuel M. Coal sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
B104-B105	20% Opacity	17-07(A)	N	N	N	N	N	N	N	M. No monitoring required to demonstrate compliance. R. No record keeping required to demonstrate compliance. Rp. No reports required to demonstrate compliance. ET. No testing required to demonstrate compliance.
	0.020 LB PM/MMBtu actual heat input.	17-10	N	N	Y	Y	Y	N	N	M. Oil sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
	0.24 LB SO2/MMBtu actual heat input.	18-06(C)	N	Y	Y	Y	Y	N	N	OR Limits on sulfur content and heat content of fuel M. Oil sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
B108	20% Opacity	17-07(A)	N	N	N	N	N	N	N	M. No monitoring required to demonstrate compliance. R. No record keeping required to demonstrate compliance. Rp. No reports required to demonstrate compliance. ET. No testing required to demonstrate compliance.
	0.05 LB PM/MMBtu actual heat input.	17-10	N	N	Y	Y	Y	N	N	M. Coal sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. Stack test required to demonstrate compliance.

	1.45 LB SO ₂ /MMBtu actual heat input.	18-37(H)	N	Y	Y	Y	Y	N	N	OR Limits on sulfur content and heat content of fuel M. Coal sampling and analysis requirements R. Monthly record keeping required to determine compliance. Rp. Quarterly usage reports required regarding fuel usage and deviation reports also required regarding exceedance of the emission or usage limitations. ET. No testing required to demonstrate compliance.
P001-P002	0.04 Lb PM/MMBtu actual heat input	N	Y	Y	Y	Y	Y	N	N	OR. Operating hour restrictions restrictions M. Operating hour records R. Monthly record keeping required to determine compliance. Rp. Annual deviation reports ET. No testing required to demonstrate compliance.
	6.75 LBS NO _x /Hr	N	Y	Y	Y	Y	Y	N	N	OR. Operating hour restrictions restrictions M. Operating hour records R. Monthly record keeping required to determine compliance. Rp. Annual deviation reports ET. No testing required to demonstrate compliance.
	6.2 LBS CO/Hr	N	Y	Y	Y	Y	Y	N	N	OR. Operating hour restrictions restrictions M. Operating hour records R. Monthly record keeping required to determine compliance. Rp. Annual deviation reports ET. No testing required to demonstrate compliance.
	2.2 LBS OC/Hr	N	Y	Y	Y	Y	Y	N	N	OR. Operating hour restrictions restrictions M. Operating hour records R. Monthly record keeping required to determine compliance. Rp. Annual deviation reports ET. No testing required to demonstrate compliance.
	20% Opacity	17-07(A)	N	N	N	N	N	N	N	M. No monitoring required to demonstrate compliance. R. No record keeping required to demonstrate compliance. Rp. No reports required to demonstrate compliance. ET. No testing required to demonstrate compliance.

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 each column where “N” is specified, there should be a brief explanation in the “Comments” section. 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.
- 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.