

Statement of Basis For Title V Permit

Company Name	Harbison-Walker Refractories Co.; Windham Plant	
Premise Number	1667090000	
Number of Non-insignificant Emissions Units	11	
What makes this facility a Title V facility?	Particulate	
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-)	Other							
F001	NONE									
P001	16.7 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P001, P002, P003, P004, P006, P007, P010, P014, P015, and P016	20% opacity as a 6-minute average, except as provided by rule	17-07	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P001, P002, P007, P010, and P015	The permittee shall not employ any photo- chemically reactive materials	21-07(G)	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P002	19.2 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P003	17.5 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required

P004	16.2 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P006	13.6 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P007	13.0 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P010	8.56 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P014	11.96 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P015	8.17 lbs/hr PM	17-11	N	N	Y	Y	Y	N	N	ET - Permittee shall demonstrate compliance through the monitoring and record keeping requirements. Emission testing is not required
P016	4.15 lbs/hr PM for low temp- erature bake cycle and 2.96 lbs/hr PM for high temp- erature bake cycle	17-11	N	N	Y	Y	Y	Y	N	

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 comments. 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.