

Statement of Basis For Title V Permit

Company Name	Johns Manville Corporation		
Premise Number	04-48-00-0013		
Number of Non-insignificant Emissions Units	183		
What makes this facility a Title V facility?	PM emissions		
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			

C 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.

C 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							
P014	1.8 lbs/hr of carbon monoxide (CO)	N	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET -Method 10 when required.
	7.8 tons of CO per rolling, 12-month period	N	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
	0.73 lb/hr of nitrogen oxides (NOx)	N	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 7 when required.
	3.2 tons of NOx per rolling, 12-month period	N	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
	1.2 lbs/hr of particulate emissions (PE)	N	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 5 when required.

5.1 tons of PE per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
0.03 lb/hr of sulfur dioxide (SO2)	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 6 when required.
0.13 ton of SO2 per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
5.3 lbs/hr of volatile organic compounds (VOC)	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- Operation of an incinerator when employing organics M - Incinerator temperature records. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Performance testing of incinerator to demonstrate compliance.
23 tons VOC per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- Operation of an incinerator when employing organics M - Incinerator temperature records. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Performance testing of incinerator to demonstrate compliance.
3.3 lbs/hr of Formaldehyde	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- Operation of an incinerator when employing organics M - Incinerator temperature records. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Performance testing of incinerator to demonstrate compliance.

	14.5 tons of Formaldehyde per rolling 12-month period.	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-1000 (03/27/96) OR- Operation of an incinerator when employing organics M - Incinerator temperature records. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
P018 - P019	1.9 lbs/hr of PE	N	Y	Y	Y	Y	Y	Y	Y	N	Basis -OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-366 OR- This unit must combust only natural gas. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Initial performance testing to demonstrate compliance and to get baseline data.
	20% Opacity	17-07(A)	N	Y	Y	Y	Y	Y	N	N	OR- This unit must combust only natural gas. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
	8.41 tons PE per rolling, 12-month period.	N	Y	Y	Y	Y	Y	Y	N	N	Basis -OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-366 OR- This unit must combust only natural gas. M- Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. ET-No emissions testing is needed to demonstrate compliance. Compliance is demonstrated by record keeping and reporting of natural gas.
P035 - P126	0.551 lb/hr of PE	17-11(A)(2)	N	Y	Y	Y	Y	Y	Y	N	OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Initial performance testing to demonstrate compliance and to get baseline data.
	20% Opacity	17-07(A)	N	Y	Y	Y	Y	Y	N	N	OR- This unit must combust only natural gas. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
P127 - P204	6.24 lbs/hr of CO	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 10 when required.

27.33 tons of CO per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
0.21 lb/hr of nitrogen oxides (NOx)	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 7 when required.
0.92 ton of NOx per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
0.551 lb/hr of particulate emissions (PE)	17-11(B)(1)	N	Y	Y	Y	Y	Y	Y	N	OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Initial performance testing to demonstrate compliance and to get baseline data.
2.41 tons of PE per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
negligible sulfur dioxide (SO2)	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.

	negligible sulfur SO2 per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
	0.2 lb/hr of volatile organic compounds (VOC)	N	Y	Y	Y	Y	Y	Y	N	N	Basis - PSD modeling from PTI 04-982 (07/22/98) OR- Operation of an incinerator when employing organics M - Incinerator temperature records. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
	0.88 ton VOC per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - PSD modeling from PTI 04-982 (07/22/98) OR- Operation of an incinerator when employing organics M - Incinerator temperature records. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
	20% Opacity	17-07(A)	N	Y	Y	Y	Y	Y	Y	N	OR- This unit must combust only natural gas. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 5 when required.
P239 - P240	18.2 lbs/hr of CO	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 10
	79.72 tons of CO per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
	0.09 lb/hr of nitrogen oxides (NOx)	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 7 when required.

0.39 ton of NOx per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
2.22 lb/hr of particulate emissions (PE)	17-11(B)(1)	N	Y	Y	Y	Y	Y	Y	N	OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Initial performance testing to demonstrate compliance and to get baseline data.
9.7 tons of PE per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis -OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
negligible sulfur dioxide (SO2)	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
negligible sulfur SO2 per rolling, 12-month period	N	Y	Y	Y	Y	Y	Y	N	N	Basis - OAC rule 3745-31-05(A)(3) --BAT as established by PTI 04-982 (07/22/98) OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
0.39 lb/hr of volatile organic compounds (VOC)	N	Y	Y	Y	Y	Y	Y	Y	N	Basis - PSD modeling from PTI 04-982 (07/22/98) OR- Operation of an incinerator when employing organics M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 25 when required.

	1.71 tons VOC per rolling, 12-month period	N	Y	Y	Y	Y	Y	N	N	Basis - PSD modeling from PTI 04-982 (07/22/98) OR- Operation of an incinerator when employing organics M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - No testing is needed to demonstrate compliance.
	20% Opacity	17-07(A)	N	Y	Y	Y	Y	Y	N	OR- This unit must combust only natural gas. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 9 when required.
P242 - P249	0.551 lb/hr of PE	17-11(A)(2)	N	Y	Y	Y	Y	Y	N	OR- This unit must combust only natural gas or propane. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Initial performance testing to demonstrate compliance and to get baseline data.
	20% Opacity	17-07(A)	N	Y	Y	Y	Y	Y	N	OR- This unit must combust only natural gas. M - Compliance is demonstrated by combusting only allowed fuels. CAM is not required at this time. Misc - No miscellaneous requirements are required. ET - Method 9 when required.

EU = emissions unit id

OR = operational restriction

M = monitoring requirements

R = record keeping requirements

Rp = reporting requirements

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

Misc = miscellaneous requirements

C Instructions for Part III:

C 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.

C 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, record keeping, 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.

C 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.