Statement of Basis For Title V Permit

Company Name	American Matsushita Electronics Company (AMEC-Panasonic)
Premise Number	0855140417
Number of Non-insignificant Emissions Units	41
What makes this facility a Title V facility?	HAPs and 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	

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							
B001, B002, B003	0.020 lb/mmBtu PE, 1.84 TPY PE; 0.03 lb/mmBtu SO2, 2.76 TPY SO; 0.084 lb/mmBtu CO, 7.71 TPY CO, 0.11 lb/mmBtu NOx, 10.09 TPY NOx; 0.006 lb/mmBtu OC, 0.50 TPY OC	31-05 08-1549	N	Y	Y	Y	Y	N	N	OR: Restricted to burning only natural gas. M: Monitoring of the type of fuel burned in this emissions unit. R: Maintain records of the type of fuel burned in this emissions unit. RP: Report any deviations when a fuel other than natural gas is burned. ET: No emissions test is required. Compliance is presumed through the use of inherently clean fuels, with monitoring, record keeping and reporting for deviations. Misc: There are no miscellaneous requirements.
B001, B002, B003	opacity shall not exceed 10% as a 6-minute average, except as provided by rule	31-05 08-1549	40 CFR Part 60 Sub-part Dc	Y	Y	Y	Y	N	N	OR: Restricted to burning only natural gas. M: Monitoring of the type of fuel burned in this emissions unit. R: Maintain records of the type of fuel burned in this emissions unit. RP: Report any deviations when a fuel other than natural gas is burned. ET: No emissions test is required. Compliance is presumed through the use of inherently clean fuels, with monitoring, record keeping and reporting for deviations. Misc: There are no miscellaneous requirements.

B004, B005, B006	0.020 lb/mmBtu PE, 1.84 TPY PE; 0.03 lb/mmBtu SO2, 2.76 TPY SO2; 0.15 lb/mmBtu CO, 13.75 TPY CO; 0.12 lb/mmBtu NOx, 10.78 TPY NOx; 0.016 lb/mmBtu OC, 1.47 TPY OC	31-05 08-1549	N	Y	Y	Y	Y	N	N	OR: Restricted to burning only natural gas. M: Monitoring of the type of fuel burned in this emissions unit. R: Maintain records of the type of fuel burned in this emissions unit. RP: Report any deviations when a fuel other than natural gas is burned. ET: No emissions test is required. Compliance is presumed through the use of inherently clean fuels, with monitoring, record keeping and reporting for deviations. Misc: There are no miscellaneous requirements.
B004, B005, B006	opacity shall not exceed 10% as a 6-minute average, except as provided by rule	31-05 08-1549	40 CFR Part 60 Sub-part Dc	Y	Y	Y	Y	N	N	OR: Restricted to burning only natural gas. M: Monitoring of the type of fuel burned in this emissions unit. R: Maintain records of the type of fuel burned in this emissions unit. RP: Report any deviations when a fuel other than natural gas is burned. ET: No emissions test is required. Compliance is presumed through the use of inherently clean fuels, with monitoring, record keeping and reporting for deviations. Misc: There are no miscellaneous requirements.

K001, K002	1.3 lbs/hr OC, 43.5 lbs/day OC, 7.61 TPY OC; 90% reduction of the organic compound emission rate through the application of a thermal oxidizer	31-05 08-3404, 21-07 (G)(2) and (G)(6)	N	Y	Y	Y	Y	Y	N	The OC emission control system is common to emissions unit K001, K002 and P020. OR: The average temperature of the carbon bed shall not be more than 10 percent above the maximum temperature for any regeneration cycle. The average temperatue of the catalytic incinerator, desorption air prior to the fume concentrator and the concentrated OC laden air shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The number of revolutions per hour shall be at +/- 1 RPH of the value determined during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator, the desorption air stream temperature and the concentrated OC laden air temperature. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. The permittee shall perform daily checks to verify the concentrator RPH. Quarterly, the permittee shall manually check the rotational speed of the concentrator. R: Maintain a record of the continuous temperature within the catalytic incinerator; the desorption air stream temperature and the concentrated OC laden air; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature or not 10 percent above the maximum temperature for any regeneration cycle. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain records of daily checks verifying the concentrator RPH. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential, fume concentrator speed and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the catalytic incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.
K005, K006	5.3 lbs/day OC, frit; 40 lbs/day OC, cleanup; 8.27 TPY OC, including cleanup	31-05 08-4020 and 21-07 (G)	N	Y	Y	Y	Y	N	N	OR: Use of photochemically reactive materials is prohibited. M: None R: Maintain records of the material usage and the calculated OC emission rate. Rp: Submit quarterly exceedance reports for emission violations. ET: None required M: None required

K005, K006	opacity shall not exceed 20% as a 6-minute average, except as provided by rule	17-07 (A)	N	Y	Y	Y	Y	N	N	OR: The permittee shall operate a vacuum filtration system whenever this emissions unit is in operation. M: The permittee shall monitor the operation of the emissions unit to ensure that the vacuum filtration system is operating. R: The permittee shall maintain a log of the time the vacuum filtration system is not operating. ET: No emissions testing is required. Compliance shall be based upon the use of the vacuum filtration system when the emissions unit is operating. Misc: There are no miscellaneous requirements.
K005, K006	0.551 lb/hr particulate emissions	17-11	N	Y	Y	Y	Y	N	N	OR: The permittee shall operate a vacuum filtration system whenever this emissions unit is in operation. M: The permittee shall monitor the operation of the emissions unit to ensure that the vacuum filtration system is operating. R: The permittee shall maintain a log of the time the vacuum filtration system is not operating. ET: No emissions testing is required. Compliance shall be based upon the use of the vacuum filtration system when the emissions unit is operating. Misc: There are no miscellaneous requirements.

K011	2.6 lbs/hr OC, excluding cleanup, 83.3 lbs/day OC, including cleanup, 15.29 TPY OC, including cleanup	31-05, 08-3786, 21-07 (G)(6)	N	Y	Y	Y	Y	Y	N	The OC emission control system is common to emissions unit K011 and K018. OR: The average temperatue of the catalytic incinerator and desorption air prior to the fume concentrator air shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The number of revolutions per hour shall be at +/- 1 RPH of the value determined during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator and the desorption air stream temperature. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. The permittee shall perform daily checks to verify the concentrator RPH. Quarterly, the permittee shall manually check the rotational speed of the concentrator. R: Maintain a record of the continuous temperature within the catalytic incinerator; and the desorption air stream temperature; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain records of daily checks verifying the concentrator RPH. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential, fume concentrator speed and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the catalytic incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.
K012	50.8 lbs/day OC, frit, 40 lbs/day OC, cleanup, 16.6 TPY OC, including cleanup	31-05 08-4103 and 21-07 (G)	N	Y	Y	Y	Y	N	N	OR: Use of photochemically reactive materials is prohibited. M: None R: Maintain records of the material usage and the calculated OC emission rate. Rp: Submit quarterly exceedance reports for emission violations. ET: None required M: None required

K012	opacity shall not exceed 20% as a 6-minute average, except as provided by rule	17-07 (A)	N	Y	Y	Y	Y	N	N	OR: The permittee shall operate a vacuum filtration system whenever this emissions unit is in operation. M: The permittee shall monitor the operation of the emissions unit to ensure that the vacuum filtration system is operating. R: The permittee shall maintain a log of the time the vacuum filtration system is not operating. ET: No emissions testing is required. Compliance shall be based upon the use of the vacuum filtration system when the emissions unit is operating. Misc: There are no miscellaneous requirements.
K012	0.551 lb/hr particulate emissions	17-11	N	Y	Y	Y	Y	N	N	OR: The permittee shall operate a vacuum filtration system whenever this emissions unit is in operation. M: The permittee shall monitor the operation of the emissions unit to ensure that the vacuum filtration system is operating. R: The permittee shall maintain a log of the time the vacuum filtration system is not operating. ET: No emissions testing is required. Compliance shall be based upon the use of the vacuum filtration system when the emissions unit is operating. Misc: There are no miscellaneous requirements.
K013	1.0 lb/hr OC, excluding cleanup, 28 lbs/day OC, including cleanup, 5.11 TPY OC, including cleanup	31-05, 08-3618 21-07 (G)(2) & (G)(6)	N	Y	Y	Y	Y	Y	N	OR: The average temperatue of the catalytic incinerator and the desorption air prior to the fume concentrator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The number of revolutions per hour shall be at +/- 1 RPH of the value determined during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator and the desorption air stream temperature. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. The permittee shall perform daily checks to verify the concentrator RPH. Quarterly, the permittee shall manually check the rotational speed of the concentrator. R: Maintain a record of the continuous temperature within the catalytic incinerator; and the desorption air stream temperature; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain records of daily checks verifying the concentrator RPH. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential, fume concentrator speed and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the catalytic incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.

K014	32.63 lbs/day OC, 5.95 TPY OC	31-05, 08-4020	N	Y	Y	Y	Y	Y	N	The OC emission control system is common to emissions unit K014 and K016. OR: The average temperatue of the catalytic incinerator and the desorption air prior to the fume concentrator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The number of revolutions per hour shall be at +/- 1 RPH of the value determined during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator and the desorption air stream temperature. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. The permittee shall perform daily checks to verify the concentrator RPH. Quarterly, the permittee shall manually check the rotational speed of the concentrator. R: Maintain a record of the continuous temperature within the catalytic incinerator; and the desorption air stream temperature; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain records of daily checks verifying the concentrator RPH. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential, fume concentrator speed and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the catalytic incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.
K014	Use of non-photochemically reactive materials	21-07 (G)(9)(f)	N	Y	Y	Y	Y	N	N	OR: Use of photochemically reactive materials is prohibited. M: None R: Maintain records of the material usage and the calculated OC emission rate. Rp: Submit quarterly exceedance reports for emission violations. ET: None required M: None required
K015	3.51 lbs/hr PE, 15.37 TPY PE opacity shall not exceed 5% as a 6-minute average	31-05, 08-4020	N	N	N	N	N	N	N	These emission limitations were developed to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop operational restrictions, monitoring, record keeping and reporting requirements to ensure compliance with this limit. ET: If required, compliance with the visible emission opacity requirement shall be determined in accordance with OAC rule 3745-17-03 (B)(1) using the tests and procedures specified in USEPA Reference Method 9. Misc: There are no miscellaneous requirements.

K015	3.0 lbs/hr OC, 15 lbs/day OC, 2.74 TPY OC	21-07 (G)(1)	N	N	N	Y	Y	N	N	OR: There are no operational restrictions. M: There are no monitoring requirements. R: Maintain records of the materials employed and the OC emission rate. Rp: Report any deviations of the OC emission rate.
K016	32.63 lbs/day OC, 5.95 TPY OC	31-05, 08-4020	N	Y	Y	Y	Y	Y	N	The OC emission control system is common to emissions unit K014 and K016. OR: The average temperatue of the catalytic incinerator and the desorption air prior to the fume concentrator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The number of revolutions per hour shall be at +/- 1 RPH of the value determined during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator and the desorption air stream temperature. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. The permittee shall perform daily checks to verify the concentrator RPH. Quarterly, the permittee shall manually check the rotational speed of the concentrator. R: Maintain a record of the continuous temperature within the catalytic incinerator; and the desorption air stream temperature; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain records of daily checks verifying the concentrator RPH. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential, fume concentrator speed and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the catalytic incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.
K016	Use of non-photochemically reactive materials	21-07 (G)(9)(f)	N	Y	Y	Y	Y	N	N	OR: Use of photochemically reactive materials is prohibited. M: There are no monitoring requirements. R: Maintain records of the material usage and the calculated OC emission rate. Rp: Submit quarterly exceedance reports for emission violations. ET: There are no emissions test requirements. Misc: There are no miscellaneous requirements.

K017	2.7 lbs/hr PE, 11.83 TPY PE opacity shall not exceed 5% as a 6-minute average	31-05, 08-4020	N	N	N	N	N	N	Y	These emission limitations were developed to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop operational restrictions, monitoring, record keeping and reporting requirements to ensure compliance with this limit. ET: If required, compliance with the visible emission opacity requirement shall be determined in accordance with OAC rule 3745-17-03 (B)(1) using the tests and procedures specified in USEPA Reference Method 9. Misc: There are no miscellaneous requirements.
K017	3.0 lbs/hr OC, 15 lbs/day OC, 2.74 TPY OC	21-07 (G)(1)	N	N	N	Y	Y	N	N	OR: There are no operational restrictions. M: There are no monitoring requirements. R: Maintain records of the materials employed and the OC emission rate. Rp: Report any deviations of the OC emission rate.
K018	8.4 lbs/day OC, 1.5 TPY OC	31-05, 08-4020	N	Y	Y	Y	Y	Y	N	The OC emission control system is common to emissions unit K011 and K018. OR: The average temperatue of the catalytic incinerator and the desorption air prior to the fume concentrator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The number of revolutions per hour shall be at +/- 1 RPH of the value determined during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator and the desorption air stream temperature. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. The permittee shall perform daily checks to verify the concentrator RPH. Quarterly, the permittee shall manually check the rotational speed of the concentrator. R: Maintain a record of the continuous temperature within the catalytic incinerator; and the desorption air stream temperature; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain records of daily checks verifying the concentrator RPH. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential, fume concentrator speed and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the catalytic incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.

K018	Use of non-photochemically reactive materials	21-07 (G)(9)(f)	N	Y	Y	Y	Y	N	N	OR: Use of photochemically reactive materials is prohibited. M: There are no monitoring requirements. R: Maintain records of the material usage and the calculated OC emission rate. Rp: Submit quarterly exceedance reports for emission violations. ET: There are no emissions test requirements. Misc: There are no miscellaneous requirements.
K019	2.25 lb/hr OC, including cleanup, 54.05 lbs/day OC, including cleanup, 9.86 TPY OC, including cleanup	31-05, 08-4133 21-07 (G)(2) & (G)(6)	N	Y	Y	Y	Y	Y	N	The OC emission control system is common to emissions unit K019 and K021. OR: The average temperatue of the thermal incinerator and the desorption air prior to the fluidized bed fume concentrator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The average pressure differential across the adsorption chamber in the fluidized bed concentrator shall not be more than 20% below the average pressure differential during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the thermal incinerator and the desorption air stream temperature. Maintain a continuous monitor to measure the pressure differential across the desorption chamber in the fluidized bed concentrator. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. R: Maintain a record of the continuous temperature within the thermal incinerator; and the desorption air stream temperature; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain a record of the pressure differential across the desorption chamber in the fluidized bed concentrator. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential across the adsorption chamber, average pressure differential of the permanent total enclosure and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the thermal incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.

K020	43.07 lbs/day OC, frit, 40 lbs/day OC, cleanup, 15.2 TPY OC, including cleanup	31-05 08-4103 and 21-07 (G)	N	Y	Y	Y	Y	N	N	OR: Use of photochemically reactive materials is prohibited. M: There are no monitoring requirements. R: Maintain records of the material usage and the calculated OC emission rate. Rp: Submit quarterly exceedance reports for emission violations. ET: There are no emissions test requirements. Misc: There are no miscellaneous requirements.
K020	opacity shall not exceed 20% as a 6-minute average, except as provided by rule	17-07 (A)	N	Y	Y	Y	Y	N	N	OR: The permittee shall operate a vacuum filtration system whenever this emissions unit is in operation. M: The permittee shall monitor the operation of the emissions unit to ensure that the vacuum filtration system is operating. R: The permittee shall maintain a log of the time the vacuum filtration system is not operating. ET: No emissions testing is required. Compliance shall be based upon the use of the vacuum filtration system when the emissions unit is operating. Misc: There are no miscellaneous requirements.
K020	0.551 lb/hr particulate emissions	17-11	N	Y	Y	Y	Y	N	N	OR: The permittee shall operate a vacuum filtration system whenever this emissions unit is in operation. M: The permittee shall monitor the operation of the emissions unit to ensure that the vacuum filtration system is operating. R: The permittee shall maintain a log of the time the vacuum filtration system is not operating. ET: No emissions testing is required. Compliance shall be based upon the use of the vacuum filtration system when the emissions unit is operating. Misc: There are no miscellaneous requirements.

K021	5.55 lbs/day OC, 1.0 TPY OC	31-05, 08-4133	N	Y	Y	Y	Y	Y	N	The OC emission control system is common to emissions unit K019 and K021. OR: The average temperatue of the thermal incinerator and the desorption air prior to the fluidized bed fume concentrator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The average pressure differential across the adsorption chamber in the fluidized bed concentrator shall not be more than 20% below the average pressure differential during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the thermal incinerator and the desorption air stream temperature. Maintain a continuous monitor to measure the pressure differential across the desorption chamber in the fluidized bed concentrator. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. R: Maintain a record of the continuous temperature within the thermal incinerator; and the desorption air stream temperature; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain a record of the pressure differential across the desorption chamber in the fluidized bed concentrator. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential across the adsorption chamber, average pressure differential of the permanent total enclosure and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the thermal incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.

P002	240 lbs/day CO, 43.8 TPY CO	31-05, 08-4110 21-08 (B)	N	Y	Y	Y	Y	Y	N	OR: The average temperature of the chamber within the catalytic incinerator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator. R: Maintain a record of the continuous combustion temperature within the catalytic incinerator; a log of the downtime of the control device; and all 3-hour blocks of time when during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain daily records of the coatings employed. RP: Report any deviations of the average temperature and submit quarterly summaries of the control device downtime. Submit reports of any deviations of the daily emissions limitation. ET: Emissions testing shall be conducted to demonstrate compliance with the emission limitations and to determine the control efficiency. Misc: There are no miscellaneous requirements.
P003	360 lbs/day CO, 65.7 TPY CO	31-05, 08-4110 21-08 (B)	N	Y	Y	Y	Y	Y	N	OR: The average temperature of the chamber within the catalytic incinerator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator. R: Maintain a record of the continuous combustion temperature within the catalytic incinerator; a log of the downtime of the control device; and all 3-hour blocks of time when during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain daily records of the coatings employed. RP: Report any deviations of the average temperature and submit quarterly summaries of the control device downtime. Submit reports of any deviations of the daily emissions limitation. ET: Emissions testing shall be conducted to demonstrate compliance with the emission limitations and to determine the control efficiency. Misc: There are no miscellaneous requirements.
P019	1.8 lbs/hr OC, 40 lbs/day, 4.8 TPY OC	31-05, 08-1549	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.

P020	0.57 lb/hr OC, 13.77 lbs/day OC, 2.51 TPY OC; 90% reduction of the organic compound emission rate through the application of a thermal oxidizer	31-05 08-4133 21-07 (G)(2) and (G)(6)	N	Y	Y	Y	Y	Y	N	The OC emission control system is common to emissions unit K001, K002 and P020. OR: The average temperature of the carbon bed shall not be more than 10 percent above the maximum temperature for any regeneration cycle. The average temperatue of the catalytic incinerator, desorption air prior to the fume concentrator and the concentrated OC laden air shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. The number of revolutions per hour shall be at +/- 1 RPH of the value determined during the most recent emission test. The system is totally enclosed, to assume 100% capture. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator, the desorption air stream temperature and the concentrated OC laden air temperature. Maintain a continuous monitor to measure the pressure differential of the permanent total enclosure. The permittee shall perform daily checks to verify the concentrator RPH. Quarterly, the permittee shall manually check the rotational speed of the concentrator. R: Maintain a record of the continuous temperature within the catalytic incinerator; the desorption air stream temperature and the concentrated OC laden air; a log of the downtime of the control device; and all 3-hour blocks of time during which the average temperature was more than 50 degrees Fahrenheit below the required temperature or not 10 percent above the maximum temperature for any regeneration cycle. Maintain records of all 3-hour blocks of time during which the pressure differential was not at or above 0.007 inch of water. Maintain records of daily checks verifying the concentrator RPH. Maintain daily records of the coatings employed. RP: Submit any quarterly reports of any deviations of the average temperatures, average pressure differential, fume concentrator speed and control device downtime. ET: Emissions testing shall be conducted to demonstrate compliance with the OC reduction requirement through the application of the catalytic incinerator operating at 90% or more destruction efficiency, while assuming 100% capture. Misc: There are no miscellaneous requirements.

P021	360 lbs/day CO, 65.7 TPY CO	31-05, 08-4110 21-08 (B)	N	Y	Y	Y	Y	Y	N	OR: The average temperature of the chamber within the catalytic incinerator shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test. M: Maintain a continuous temperature monitor which measures the temperature within the catalytic incinerator. R: Maintain a record of the continuous combustion temperature within the catalytic incinerator; a log of the downtime of the control device; and all 3-hour blocks of time when during which the average temperature was more than 50 degrees Fahrenheit below the required temperature. Maintain daily records of the coatings employed. RP: Report any deviations of the average temperature and submit quarterly summaries of the control device downtime. Submit reports of any deviations of the daily emissions limitation. ET: Emissions testing shall be conducted to demonstrate compliance with the emission limitations and to determine the control efficiency. Misc: There are no miscellaneous requirements.
P025	1.67 lbs/hr OC, 40 lbs/day, 7.3 TPY OC	31-05, 08-3377	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.
P026	2.1 lbs/hr PE, 9.20 TPY PE opacity shall not exceed 5% as a 6-minute average	31-05, 08-4103	N	N	N	N	N	N	Y	These emission limitations were developed to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop operational restrictions, monitoring, record keeping and reporting requirements to ensure compliance with this limit. ET: If required, compliance with the visible emission opacity requirement shall be determined in accordance with OAC rule 3745-17-03 (B)(1) using the tests and procedures specified in USEPA Reference Method 9. Misc: There are no miscellaneous requirements.
P026	3.0 lbs/hr OC, 15 lbs/day OC, 2.74 TPY OC	21-07 (G)(1)	N	N	N	Y	Y	N	N	OR: There are no operational restrictions. M: There are no monitoring requirements. R: Maintain records of the materials employed and the OC emission rate. Rp: Report any deviations of the OC emission rate.
P027	2.01 lbs/hr OC, 48.3 lbs/day, 8.5 TPY OC	31-05, 08-3377	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.

P027	Non-PCR material usage	21-07 (G)(9)	N	Y	Y	Y	Y	N	N	OR: Use of photochemically reactive materials is prohibited. M: There are no monitoring requirements. R: Maintain records of the material usage and the calculated OC emission rate. Rp: Submit quarterly exceedaNnce reports for emission violations. ET: There are no emissions test requirements. Misc: There are no miscellaneous requirements.
P029, P030, P031, P032, P033	1.67 lbs/hr OC, 40 lbs/day, 7.3 TPY OC	31-05, 08-3576	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.
P034	1.25 lbs/hr OC, 30 lbs/day, 5.48 TPY OC	31-05, 08-3576	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.
P035	0.63 lb/hr OC, 15 lbs/day, 2.74 TPY OC	31-05, 08-3576	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.
P036	1.67 lbs/hr OC, 40 lbs/day, 7.3 TPY OC	31-05, 08-3618	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.
P041	1.25 lbs/hr OC, 30 lbs/day, 5.48 TPY OC	31-05, 08-4133	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.
P042	1.67 lbs/hr OC, 40 lbs/day, 7.3 TPY OC	31-05, 08-4133	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.

P043	2.0 lbs/hr PE, 8.76 TPY PE opacity shall not exceed 5% as a 6-minute average	31-05, 08-4133	N	N	N	N	N	N	Y	These emission limitations were developed to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop operational restrictions, monitoring, record keeping and reporting requirements to ensure compliance with this limit. ET: If required, compliance with the visible emission opacity requirement shall be determined in accordance with OAC rule 3745-17-03 (B)(1) using the tests and procedures specified in USEPA Reference Method 9. Misc: There are no miscellaneous requirements.
P043	3.0 lbs/hr OC, 15 lbs/day OC, 2.74 TPY OC	21-07 (G)(1)	N	N	N	Y	Y	N	N	OR: There are no operational restrictions. M: There are no monitoring requirements. R: Maintain records of the materials employed and the OC emission rate. Rp: Report any deviations of the OC emission rate.
P043	2.59 lbs/hr NOx, 11.34 TPY NOx; 1.49 lbs/hr CO, 6.53 TPY CO; 0.020 lb particulate/ mmBtu; 0.36 lb/hr PE, 1.58 TPY PE	31-05, 08-4133	N	Y	Y	Y	Y	N	N	OR: The permittee shall burn only natural gas. M:The permittee shall monitor the fuel burned in this emissions unit. R: The permittee shall record the type of fuel burned in this emissions unit other than natural gas. Rp: Submit deviation reports if a fuel other than natural gas is burned in this emissions unit. ET: There are no emissions test requirements. Misc: There are no miscellaneous requirements.
P044	0.63 lb/hr OC, 15 lbs/day, 2.74 TPY OC	31-05, 08-4133	N	N	Y	Y	Y	Y	N	OR: There are no operational restrictions. M: Monitor the emission rates through recordkeeping. R: Record the material usage and calculated emission rate. Rp: Submit deviation reports of the emission limitation. ET: Formulation data or USEPA Method 24 to determine the OC content. Misc: There are no miscellaneous requirements.

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.