

Statement of Basis For Title V Permit

Please note that this document provides basic information about the permit contents. This document is not enforceable. This document should not be used as the sole basis for evaluating the actual Title V permit. If there are any questions or clarifications that need to be answered or provided after review of the actual Title V permit, please contact the Ohio EPA, Southeast District Office.

| Part I - General | |
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| Company Name | Solvay Advanced Polymers LLC |
| Premise Number | 0684020008 |
| What makes this facility a Title V facility? | VOC and HAP emission levels are above Title V thresholds. |
| Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01 (U)? | Yes |
| Were there any "common control" issues associated with this facility? If yes, provide a summary of those issues and explain how the DAPC decided to resolve them. | No |
| Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a minor permit modification per OAC rule 3745-77-08(C)(1) | P003 - revision to operational restriction for carbon adsorption system serving this emissions unit. The operational restriction originally specified that the parallel carbon beds needed to be switched after 75 minutes of operation or if the required monochlorobenzene (MCB) analyzer read above 250 ppm for greater than 3 minutes. The revised term removes the requirement to switch beds after 75 minutes but retains the bed switching requirement if the MCB analyzer data is above 250 ppm MCB for greater than 3 minutes. This revision is consistent with the operational restriction specified for emissions unit P010 (subject of the significant modification) based upon a more recent PTI and is more reflective of the carbon bed's ability to remove the pollutant rather than simply relying on a manufacturer's recommended time frame for switching beds. |
| Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a significant permit modification per OAC rule 3745-77-08(C)(3) | <p>P010 - expansion of production capacity for multipurpose polymer process. Increase in production capacity addressed in PTI 06-07858 which was issued final in May of 2006. The significant modification must be completed in order to operate the emissions unit at its increased capacity without violating existing Title V permit provisions.</p> <p>B011 - 50 MMBtu/hr Dowtherm heater replacement. A PTI for this emissions unit was issued final in July of 2005 (06-07762). B011 replaces emissions unit B003 (20 MMBtu/hr Dowtherm heater) which was permanently shut down.</p> |

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| <p>Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a reopening per OAC rule 3745-77-08(D)</p> | <p>N/A</p> |
| <p>Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document resulting from a renewal per OAC rule 3745-77-08(E)</p> | <p>N/A</p> |

| Part II (State and Federally Enforceable Requirements) | | | |
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| Term and Condition (paragraph) | Basis | | Comments |
| | SIP (3745-) | Other | |
| A.1 through A.34 | N | 40 CFR 63 | Subpart FFFF requirements for emissions unit P010 as referenced in PTI 06-07858 |
| A.35 | 20 | 40 CFR 61 | asbestos requirements (State and federal) |
| A.36 | 25-03 | N | emission control action program requirements |
| A.37 | N | 40 CFR 82 | Subpart F requirements as related to the operations at this facility |
| A.38 | 77 | 40 CFR 70 | insignificant emissions units subject to State and federal requirements |

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.

| Part III (Requirements Within the State and Federally Enforceable Section) | | | | | | | | | | | | | | | |
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| Any unusual requirements or aspects of the terms and conditions in Part III that are not self-explanatory should be explained in the appropriate comment field or in a paragraph following the table for Part III. | | | | | | | | | | | | | | | |
| EU(s) | Limitation | Basis | | ND | O R | M | St | ENF | R | St | Rp | St | ET | Misc | Comments |
| | | SIP (3745-) | Other | | | | | | | | | | | | |
| B011 | NOx - 2.50 lbs/hr and 10.95 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | Y | OR - burn only natural gas - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - inherently clean unit - EG #65 - CAM is not applicable Misc - MACT general requirements specified |

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| CO - 4.20 lbs/hr and 18.40 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | Y | OR - burn only natural gas - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - inherently clean unit - EG #65 - CAM is not applicable Misc - MACT general requirements specified |
| PE- 0.10 lb/hr and 0.44 ton/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | Y | OR - burn only natural gas - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - inherently clean unit - EG #65 - CAM is not applicable Misc - MACT general requirements specified |
| SO2- 0.03 lb/hr and 0.14 ton/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | Y | OR - burn only natural gas - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - inherently clean unit - EG #65 - CAM is not applicable Misc - MACT general requirements specified |
| VOC- 0.28 lb/hr and 1.23 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | Y | OR - burn only natural gas - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - inherently clean unit - EG #65 - CAM is not applicable Misc - MACT general requirements specified |
| Visible particulate emissions - 10% opacity as a 6-minute average. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | Y | OR - burn only natural gas - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - inherently clean unit - EG #65 - CAM is not applicable Misc - MACT general requirements specified |

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| | Record and maintain records of the amount of natural gas combusted during each month. | | 40 CFR 60, Subpart Dc | N | Y | Y | N | N | Y | N | Y | N | Y | Y | OR - burn only natural gas - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - inherently clean unit - EG #65 - CAM is not applicable Misc - MACT general requirements specified |
| | CO emissions shall not exceed 400 ppm by volume on a dry basis corrected to 3% oxygen (3-run average). | | 40 CFR 63, Subpart DDD | N | Y | Y | N | N | Y | N | Y | N | Y | Y | OR - burn only natural gas - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - inherently clean unit - EG #65 - CAM is not applicable Misc - MACT general requirements specified |
| P003 | Carbon adsorption bed VOC emissions - 106 tons/yr based on rolling, 12-month summations. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |
| | Fugitive VOC emissions - 107 tons/yr based on rolling, 12-month summations. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |

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| | maintain a leak detection and repair program | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |
| | Total VOC emissions - 213 tons/yr based on rolling, 12-month summations. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |
| | Particulate emissions 1.5 lbs/hr and 6.6 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |
| | Visible particulate emissions 20% opacity as a 6-minute average | 17-07 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |

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| | Maintain records showing the dimensions and capacity of the vessels, volatile organic liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period | | 40 CFR 60, Subpart Kb | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |
| P007, P008, and P011 | PE - 0.12 lb/hr and 0.53 ton/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - baghouse pressure drop monitoring - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - EG #65 - CAM is not applicable |
| | VOC) emissions shall not exceed 0.50 lb/hr and 2.19 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - baghouse pressure drop monitoring - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - EG #65 - CAM is not applicable |
| | Visible particulate emissions - 20% opacity as a 6-minute average | 17-07 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - baghouse pressure drop monitoring - monitoring, record keeping, and reporting requirements have been specified for the operational restriction - EG #65 - CAM is not applicable |

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| P010 | VOC emissions from the carbon adsorption bed - 33.88 lbs/hour. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |
| | VOC emissions from the cryogenic condenser - 92.61 lbs/hour. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |

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| All process vents shall be exhausted to a carbon adsorption bed or a cryogenic condenser with a minimum control efficiency for VOC of 95%. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |
| Point source VOC emissions - 28.26 tons per year. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable |

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| | Fugitive VOC emissions - 81.68 tons per year. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | <p>OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable</p> |
| | Maintain a leak detection and repair program. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | <p>OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable</p> |

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| | Total VOC emissions - 109.94 tons per year. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | <p>OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable</p> |
| | Each baghouse and wet scrubber - 0.020 grain of particulate emissions per dscf of exhaust gases. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | <p>OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable</p> |

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| | PE from the baghouse and scrubber stacks - 9.01 tons per year total. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | <p>OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable</p> |
| | Visible particulate emissions from any stack serving this emissions unit - 5% opacity as a 6-minute average. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | <p>OR - MCB monitoring to determine when to switch parallel carbon adsorption beds - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - water flow rate monitoring for each wet scrubber - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>OR - monitoring of exit temperature of the exhaust gas from the cryogenic condenser - monitoring, record keeping, and reporting requirements have been specified for the operational restriction</p> <p>EG #65 - pursuant to discussions with RTP and Region 5, CAM is not applicable</p> |

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| | See Part II, sections A.1 through A.34 (Facility Specific Terms and Conditions) and Attachment A. | | 40 CFR 63, Subpart FFFF | N | Y | Y | N | N | Y | N | Y | N | Y | N | The permittee shall comply with the applicable requirements of this rule by the compliance date of May 10, 2008, unless changed by USEPA. |
| P017 | VOC emissions - 2.3 lbs/hr | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only gasoline as fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - maximum annual operating hours for this emissions unit shall not exceed 600 hours, based upon a rolling, 12-month summation (31-05(C))- monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |
| | CO emissions - 46.9 lbs/hr | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only gasoline as fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - maximum annual operating hours for this emissions unit shall not exceed 600 hours, based upon a rolling, 12-month summation (31-05(C))- monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |

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| | NOx emissions - 1.2 lbs/hr | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only gasoline as fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - maximum annual operating hours for this emissions unit shall not exceed 600 hours, based upon a rolling, 12-month summation (31-05(C))- monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |
| | Visible particulate emissions from any stack - 20% opacity as a 6-minute average | 17-07 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only gasoline as fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - maximum annual operating hours for this emissions unit shall not exceed 600 hours, based upon a rolling, 12-month summation (31-05(C))- monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |
| | Particulate emissions - 0.25 pound per million Btu actual heat input. | 17-11 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only gasoline as fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - maximum annual operating hours for this emissions unit shall not exceed 600 hours, based upon a rolling, 12-month summation (31-05(C))- monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable The requirement to comply with this particulate emission limitation shall terminate on the date the U.S. EPA approves the 0.310 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter. |

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| | Particulate emissions - 0.310 pound per million Btu actual heat input. | 17-11 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only gasoline as fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - maximum annual operating hours for this emissions unit shall not exceed 600 hours, based upon a rolling, 12-month summation (31-05(C))- monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter. |
| P019 | none | | | Y | | | | | | | | | | | wastewater operations - Pursuant to the provisions of OAC rule 3745-21-07(A)(1) and OAC rule 3745-15-01(O), this emissions unit is an "existing source" which is not located in a "Priority 1" county as indicated in paragraph (A) of OAC rule 3745-21-06. The provisions of OAC rule 3745-21-07(G), therefore, do not apply. |
| P020 | Particulate emissions - .310 lb/MMBtu actual heat input and 0.84 ton/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only diesel fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |
| | SO2 emissions - 0.23 lb/hr and 0.99 ton/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only diesel fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |
| | VOC emissions - 0.33 lb/hr and 1.43 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only diesel fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |

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| CO emissions - 0.73 lb/hr and 3.22 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only diesel fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |
| NOx emissions - 3.4 lbs/hr and 14.87 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only diesel fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |
| Visible particulate emissions from any stack - 20% opacity as a 6-minute average | 17-07 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only diesel fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable |
| Particulate emissions - .25 lb/MMBtu actual heat input. | 17-11 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only diesel fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable The requirement to comply with this particulate emission limitation shall terminate on the date the U.S. EPA approves the 0.310 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter. |
| Particulate emissions - .310 lb/MMBtu actual heat input | 17-11 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - shall burn only diesel fuel in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction inherently clean unit - EG #65 - CAM is not applicable This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter. |

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| P021 | PE - 0.04 lb/hr and 0.18 ton/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - monitoring of baghouse pressure drop - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - CAM is not applicable |
| | VOC emissions - 0.54 lb/hr and 2.37 tons/yr. | 31-05 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - monitoring of baghouse pressure drop - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - CAM is not applicable |
| | Visible particulate emissions from any stack - 20% opacity as a 6-minute average | 17-07 | | N | Y | Y | N | N | Y | N | Y | N | Y | N | OR - monitoring of baghouse pressure drop - monitoring, record keeping, and reporting requirements have been specified for the operational restriction OR - shall not employ any photochemically reactive materials in this emissions unit - monitoring, record keeping, and reporting requirements have been specified for the operational restriction EG #65 - CAM is not applicable |

EU = emissions unit ID

ND = negative declaration (i.e., term that indicates that a particular rule(s) is (are) not applicable to a specific emissions unit)

OR = operational restriction

M = monitoring requirements

St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement

ENF = did noncompliance issues drive the 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 OAC rule 3745-31-05) 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 OAC rule 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. If OAC rule 3745-31-05 is cited in the "Other" column, please indicate in the "Comments" section whether or not all of the requirements have been transferred from the permit to install.
- 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. If a brief explanation is provided in the "Comments" section, please do not simply indicate that monitoring or testing requirements are not necessary. An explanation of why a requirement is not necessary should be specified.

When periodic monitoring requirements are established to satisfy the provisions of OAC rule 3745-77-07(A)(3)(a)(ii), the basis for the requirements must be explained. Whenever Engineering Guides have been used to establish the periodic monitoring requirements, the applicable Engineering Guide may be referenced in the "Comments" section. An example that should be clarified would be the situation where it has been determined that control equipment parametric monitoring will be used to evaluate ongoing compliance in lieu of performing frequent emission tests. In this situation, Engineering Guide #65 would be referenced along with the fact that the parametric monitoring range (or minimum value) corresponded to the range (or minimum value) documented during the most recent emission tests that demonstrated that the emissions unit was in compliance. If streamlining language is included in the "Monitoring," "Record Keeping," or "Reporting" requirements sections of the permit, explain which requirements are being streamlined (mark appropriate column above) and provide a brief explanation of why the streamlined term is equal to or more stringent than the "Monitoring," "Record Keeping," or "Reporting" requirements specified in the permit to install. If Engineering Guide #16 was used as the basis for establishing an emission test frequency, a simple note referencing the Engineering Guide in the "Comments" section would be sufficient.

Also, if a "Y" is noted under "OR," "Misc," "St," "ND," or "ENF" an explanation of the requirements must be provided in the "Comments" section. In addition to a general explanation of the "OR," "Misc," "St," "ND," and/or "ENF" the following must be provided:

- For an operational restriction, clarify if appropriate monitoring, record keeping, and reporting requirements have been specified for the operational restriction and indicate whether or not CAM is currently applicable.
- 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.
- If the "ND" column above is marked, please identify the particular rule(s) that is (are) not applicable to the specified emissions unit.
- If the "ENF" column above is marked, please provide a brief explanation of the noncompliance issue(s) which prompted the use of the specified monitoring requirement.

An explanation is not required if an "N" is noted in the "OR," "Misc," "St," "ND," or "ENF" columns.

- Additional information for modifications** - Several types of modifications, as defined by rule, may be processed concurrently. Please provide enough of a description for someone wishing to review the changes to the permit language to be able to identify where the change is made in the permit document. This brief description should be identified in the appropriate row in the first table of this form by replacing the "N/A" in the applicable row(s). Please also indicate if the modification is being initiated by an appeal by including the ERAC case number in the "Comments" area. Please update the term-specific text in the SOB as warranted (full insertion or replacement is acceptable; bold italic and strike out is not needed). Note all modification/reopening rows should remain "N/A" when developing the SOB during the initial permit development. Note: APA's and Off-permit changes do not need to be noted in the SOB.