

Statement of Basis For Title V Permit

Version 2. - 3/27/98

Company Name	North Star Steel Ohio		
Premise Number	02-50-11-0625		
Number of Non-insignificant Emissions Units	12		
What makes this facility a Title V facility?	OC, PE, PM10. SO2, Nox, CO, Pb		
Has each insignificant emissions unit been reviewed to confirm it meets the definition in 3745-77-01 (U)?	Yes		

Part II (State and Federally Enforceable Requirements)			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
N/A			

- **Instructions for Part II:**

Each paragraph in Part II must be identified and the remainder of the table completed. If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. Whether the basis for the term and condition is the "SIP" or "Other," an explanation of each term and condition in Part II must be provided in the "Comments" section.

- If there were any "common control" issues associated with this facility, after the table for Part II, provide a summary of those issues and explain how the DAPC decided to resolve them.

Part III (Requirements Within the State & Federally Enforceable Section)

EU(s)	Limitation	Basis		OR	M	R	Rp	ET	Misc	Comments
		SIP (3745-)	Other							
F001	No visible particulate emissions except for six minutes during any sixty-minute observation period	17-07 (B)(4)		N	Y	Y	Y	Y	N	
F001	RACM	17-08 (B), (B) (8), (B)(9)		N	Y	Y	Y	N	N	
F001	No visible particulate emissions except for thirteen minutes during any sixty-minute observation period	17-07 (B)(5)		Y	Y	Y	Y	Y	N	<p>OR:Operational Restrictions Concerning the Use of Dust Suppressants</p> <p>When a dust suppressant is used for controlling fugitive dust from the unpaved road segments and parking areas, the following restrictions apply:</p> <p>a.The permittee shall certify or possess certification that all dust suppressants used to control fugitive dust meet the PCB limitations set forth in 40 CFR 761, and that there are no listed hazardous wastes or characteristic hazardous wastes as set forth in 40 CFR 261.</p> <p>b.The permittee shall not apply used oil as defined by OAC rule 3745-279-01(A)(12) as a dust suppressant.</p> <p>c.The dust suppressant shall be applied in such a manner as to prevent pollution of waters of the State as required by the Ohio Revised Code, section 6111.</p>

F001	RACM	17-08 (B), (B)(2)		Y	Y	Y	Y	Y	N	<p>OR:Operational Restrictions Concerning the Use of Dust Suppressants</p> <p>When a dust suppressant is used for controlling fugitive dust from the unpaved road segments and parking areas, the following restrictions apply:</p> <p>a.The permittee shall certify or possess certification that all dust suppressants used to control fugitive dust meet the PCB limitations set forth in 40 CFR 761, and that there are no listed hazardous wastes or characteristic hazardous wastes as set forth in 40 CFR 261.</p> <p>b.The permittee shall not apply used oil as defined by OAC rule 3745-279-01(A)(12) as a dust suppressant.</p> <p>c.The dust suppressant shall be applied in such a manner as to prevent pollution of waters of the State as required by the Ohio Revised Code, section 6111.</p>
F003	0.26 pound per hour PE/PM10	31-05 (A)(3)		N	Y	Y	Y	Y	N	
F003	1.10 tons per year PE/PM10	31-05 (A)(3)		N	Y	Y	Y	Y	N	
F003	3.70 pounds per NOx	31-05 (A)(3)		N	Y	Y	Y	Y	N	
F003	16.30 tons per year NOx	31-05 (A)(3)		N	Y	Y	Y	Y	N	

F003	Visible particulate emissions of fugitive dust shall not exceed twenty percent opacity as a three minute average	17-07 (B)(1)		N	Y	Y	Y	Y	N	
F003	RACM	17-08 (B)		N	Y	Y	Y	N	N	The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). At a minimum, the permittee's employment of RACM shall include: the use of a ladle cover/mechanical shrouding between the ladle and the tundish and between the tundish and the mold.
F004	Visible PE emissions shall not exceed ten percent opacity as a six-minute average	31-05 (A)(3)		N	Y	Y	Y	Y	N	
F004	See Comment		40 CFR, Part 60, Subpart AAa	N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
F004	See Comment	17-07 (B)		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
F004	RACM	17-08 (B)		N	N	N	N	N	N	1. The permittee shall minimize or eliminate visible particulate emissions through the employment of reasonably available control measures (RACM). At a minimum, the permittee shall ensure that this emissions unit remains within a total enclosure. 2. The permittee shall minimize or eliminate visible particulate emissions through the employment of reasonably available control measures (RACM). At a minimum, the permittee shall ensure that this emissions unit remains within a total enclosure.

P001	0.50 pound per hour PE	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The permittee shall only employ natural gas as fuel for the billet reheat furnace.
P001	2.17 tons per year PE	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The permittee shall only employ natural gas as fuel for the billet reheat furnace.
P001	24.7 pounds per hour NOx	31-05 (A)(3)		Y	Y	Y	Y	Y	N	1. The permittee shall only employ natural gas as fuel for the billet reheat furnace. 2. The permittee shall only employ low NOx burners or equivalent technology for the billet reheat furnace to reduce NOx emissions to 0.15 lb/mmBtu.
P001	108.4 tons per year NOx	31-05 (A)(3)		Y	Y	Y	Y	Y	N	1. The permittee shall only employ natural gas as fuel for the billet reheat furnace. 2. The permittee shall only employ low NOx burners or equivalent technology for the billet reheat furnace to reduce NOx emissions to 0.15 lb/mmBtu.
P001	13.9 pounds per hour CO	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The permittee shall only employ natural gas as fuel for the billet reheat furnace.
P001	60.9 tons per year CO	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The permittee shall only employ natural gas as fuel for the billet reheat furnace.
P001	0.10 pound per hour SO2	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The permittee shall only employ natural gas as fuel for the billet reheat furnace.
P001	0.43 ton per year SO2	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The permittee shall only employ natural gas as fuel for the billet reheat furnace.
P001	0.91 pounds per hour VOC	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The permittee shall only employ natural gas as fuel for the billet reheat furnace.
P001	3.99 tons per year VOC	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The permittee shall only employ natural gas as fuel for the billet reheat furnace.

P001	See comment	17-07 (A)		N	N	N	N	Y	N	Visible particulate emissions from the billet reheat furnace shall not exceed twenty percent opacity, as a six-minute average except as follows: visible particulate emissions from the billet reheat furnace may exceed twenty percent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
P001	See comment	17-11		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P001	See comment	18-06		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P002	PE: 0.015 grain per dry standard cubic foot of exhaust from the venturi scrubber	31-05 (A)(3)		Y	Y	Y	Y	Y	N	<ol style="list-style-type: none"> 1. The pressure drop across the MPM venturi scrubber shall be continuously maintained at a value of not less than 6 inches of water at all times while the emissions unit is in operation. 2. The pressure drop across the sizing mill venturi scrubber shall be continuously maintained at a value of not less than 6 inches of water at all times while the emissions unit is in operation. 3. The fan motor amps for the MPM venturi scrubber fan shall be continuously maintained at a value of not less than 70 amps at all times while the emissions unit is in operation. 4. The fan motor amps for the sizing mill venturi scrubber fan shall be continuously maintained at a value of not less than 175 amps at all times while the emissions unit is in operation. 5. The discharge pump water pressure for the MPM venturi scrubber shall be continuously maintained at a value of not less than 6 pounds per square inch at all times while the emissions unit is in operation. 6. The discharge pump water pressure for the sizing mill venturi scrubber shall be continuously maintained at a value of not less than 25 pounds per square inch at all times while the emissions unit is in operation.
P002	45.0 tons per year PE	31-05 (A)(3)		Y	Y	Y	Y	Y	N	See above

P002	Visible particulate emissions from the stack shall not exceed twenty percent opacity, as a six minute average, except as provided by the rule.	17-07 (A)(1)		N	N	N	N	Y	N	
P002	See comment	17-07 (B)(1)		N	N	N	N	Y	N	Visible particulate emissions of fugitive dust shall not exceed 20% opacity as a three-minute average. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to, doorways, windows, and roof monitors.
P002	RACM - see comment	17-08 (B)		N	N	N	N	N	N	The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). These measures shall include, but not be limited to, the following: i. the installation and use of hoods, fan, and other equipment to adequately enclose, contain, capture, and vent the fugitive dust to the two venturi scrubbers (MPM and sizing mill); and ii. the collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design.
P002	See comment	17-11		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P004	PE/PM10: 0.01 grain per dry standard cubic foot of exhaust gases and 0.163 pound per hour	31-05 (A)(3)		Y	Y	Y	Y	Y	N	The pressure drop across the baghouse shall be maintained within the range of 2 to 6 inches of water while the emissions unit is in operation.

P004	PE/Pm10: 0.71 ton per year	31-05 (A)(3)		Y	Y	Y	Y	Y	N	See above
P004	Visible particulate emissions from the stack shall not exceed twenty percent opacity, as a six minute average, except as provided by the rule.	17-07 (A)(1)		N	N	N	N	Y	N	
P004	Fugitive particulate emissions shall not exceed twenty percent opacity, as a three minute average	17-07 (B)(1)		N	N	N	N	Y	N	
P004	See comments	17-08 (B)		Y	Y	Y	Y	N	N	The collection efficiency must be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design.
P004	See comments	17-11		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P005	PE/PM10: 0.14 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P005	PE/PM10: 0.61 ton per year	31-05 (A)(3)		N	N	N	N	Y	N	
P005	SO2: 0.61 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	

P005	SO2: 0.03 ton per year	31-05 (A)(3)		N	N	N	N	Y	N	
P005	NOx: 1.40 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P005	NOx: 6.13 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P005	CO: 0.35 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P005	CO: 1.53 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P005	VOC: 0.03 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P005	VOC: 0.12 ton per year	31-05 (A)(3)		N	N	N	N	Y	N	
P005	See comments	17-07 (B)(1)		N	N	N	N	Y	N	Visible particulate emissions of any fugitive dust shall not exceed twenty percent opacity as a three-minute average. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to, doorways, windows, and roof monitors.
P005	RACM - see comments	17-08 (B)		N	N	N	N	N	N	The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). At a minimum, the permittee's employment of RACM shall include the use of natural gas as the fuel for the preheater.
P005	See comments	18-06 (E)(1)		N	N	N	N	N	N	No process weight rate can be determined; therefore, there is no applicable SO2 limit from OAC rule 3745-18-06(E)(1).
P006	PE/PM10: 0.14 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P006	PE/PM10: 0.61 ton per year	31-05 (A)(3)		N	N	N	N	Y	N	

P006	SO2: 0.61 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P006	SO2: 0.03 ton per year	31-05 (A)(3)		N	N	N	N	Y	N	
P006	NOx: 1.40 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P006	NOx: 6.13 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P006	CO: 0.35 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P006	CO: 1.53 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P006	VOC: 0.03 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P006	VOC: 0.12 ton per year	31-05 (A)(3)		N	N	N	N	Y	N	
P006	See comments	17-07 (B)(1)		N	N	N	N	Y	N	Visible particulate emissions of any fugitive dust shall not exceed twenty percent opacity as a three-minute average. For purposes of verifying compliance with this requirement, the visible particulate emissions shall be observed at any non-stack egress point from the building housing this emissions unit. These egress points shall include, but not be limited to, doorways, windows, and roof monitors.
P006	RACM - see comments	17-08 (B)		N	N	N	N	N	N	The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). At a minimum, the permittee's employment of RACM shall include the use of natural gas as the fuel for the preheater.
P006	See comments	18-06 (E)(1)		N	N	N	N	N	N	No process weight rate can be determined; therefore, there is no applicable SO2 limit from OAC rule 3745-18-06(E)(1).
P007	PE/PM10: 1.8 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	

P007	PE/PM10: 7.9 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P007	Visible emissions of fugitive dust shall not exceed twenty percent opacity, as a three- minute average.	17-07 (B)(1)		N	N	N	N	Y	N	
P007	RACM - see comments	17-08 (B)		N	N	N	N	N	N	The permittee shall minimize or eliminate visible fugitive particulate emissions through the employment of reasonably available control measures (RACM). These measures shall include, but not be limited to, the following: i. The monthly average concentration of total dissolved solids (TDS) in the cooling tower water shall not exceed 840 parts per million. ii. The interior of the water tower shall be equipped with a baffle system which is designed and maintained in accordance with good engineering practice and which provides coverage of not less than ninety-five per cent of the cross sectional area of the tower.
P905	PE: 0.0032 grain per dry standard cubic foot of exhaust gases and 17.40 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P905	PE: 75.03 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P905	PM10: 13.22 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P905	PM10: 57.02 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	

P905	NOx: 33.25 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P905	NOx: 113.8 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P905	CO: 380.0 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P905	CO: 1300.0 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P905	SO2: 9.5 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P905	SO2: 32.5 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P905	VOC: 17.1 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P905	VOC: 58.5 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P905	Pb: 0.30 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P905	Pb: 1.27 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	

P905	See comments	31-05 (A)(3)		N	N	N	N	N	N	<p>1. The electric arc furnace shall be installed with a roof canopy hood and direct evacuation fume collection system capable of capturing 99% of the particulate emissions from electric arc heating, melting, tapping, charging, argon stirring, bulk alloy additions, alloy wire feed, manual door emissions, and steel processing in the ladle refining station (P906).</p> <p>2. Visible particulate emissions of fugitive dust from the electric arc furnace shop due to operation of the electric arc furnace shall not exhibit six (6) percent or greater opacity, as a six-minute average.</p> <p>3. Particulate emissions captured by the fume collection systems for the electric arc furnace shall be exhausted to the EAF/LTS fabric filter control device.</p> <p>4. Particulate emissions from the fabric filter control device stacks shall not exceed 0.0032 grain of particulate emissions per dry standard cubic foot of exhaust gases.</p> <p>5. Visible particulate emissions from the fabric filter control device stacks shall not exhibit three (3) percent or greater opacity, as a six-minute average.</p>
P905	See comments	31-05 (A)(3)		N	N	N	N	N	N	The emission limitation specified by this rule is less stringent or equivalent to the emission limitation established pursuant to 40 CFR Part 60, Subpart AAa
P905	See comments	17-07		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P905	See comments	17-08		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P905	See comments	17-11		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P905	See comments	17-11		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P905	See comments	18-06		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P905	See comments	21-08		N	N	N	N	N	N	The permittee has satisfied the "best available control techniques and operating practices" and "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07 and rules 3745-21-08 and 3745-23-06, respectively, by committing to comply with the best available technology requirements established in permit to install 02-12439.
P905	See comments	23-06		N	N	N	N	N	N	See above

P905	See comments		40 CFR Part 60 Subpart AAa							1. Visible particulate emissions from the baghouse shall not exhibit three (3) per cent opacity or greater as a six-minute average. 2. Visible particulate emissions of fugitive dust from the electric arc furnace shop due to operation of the EAF shall not exhibit six (6) per cent opacity or greater as a six-minute average.
P906	PE: 0.0032 grain per dry standard cubic foot of exhaust gases and 0.92 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P906	PE: 3.95 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P906	PM10: 0.70 pound per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P906	PM10: 3.00 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P906	NOx: 4.75 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P906	NOx: 16.30 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P906	CO: 47.5 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P906	CO: 162.5 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P906	SO2: 9.5 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P906	SO2: 32.5 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	

P906	Pb: 0.02 pounds per hour	31-05 (A)(3)		N	N	N	N	Y	N	
P906	Pb: 0.07 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P906	See comments	31-05 (A)(3)		N	N	N	N	N	N	<p>1. The ladle refining furnace shall be installed with a roof canopy hood and direct evacuation fume collection system capable of capturing 99% of the particulate emissions from electric arc heating, melting, charging, tapping, argon stirring, bulk alloy additions, alloy wire feed, manual door emissions, and steel processing in the ladle refining station.</p> <p>2. Visible particulate emissions of fugitive dust from the electric arc furnace shop due to operation of the ladle refining station shall not exhibit six (6) percent or greater opacity as a six-minute average.</p> <p>3. Particulate emissions captured by the fume collection systems for the ladle refining station shall be exhausted to the EAF/LTS fabric filter control device.</p> <p>4. Particulate emissions from the fabric filter control device stacks shall not exceed 0.0032 grain of particulate emissions per dry standard cubic foot of exhaust gases.</p> <p>5. Visible particulate emissions from the fabric filter control device stacks shall not exhibit three (3) percent or greater opacity as a six-minute average.</p>
P906	See comments	31-05 (A)(3)		N	N	N	N	N	N	The emission limitation specified by this rule is less stringent or equivalent to the emission limitation established pursuant to 40 CFR Part 60, Subpart AAa
P906	See comments	17-07		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P906	See comments	17-08		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P906	See comments	17-11		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P906	See comments	17-11		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P906	See comments	18-06		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05

P906	See comments	21-08		N	N	N	N	N	N	The permittee has satisfied the "best available control techniques and operating practices" and "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07 and rules 3745-21-08 and 3745-23-06, respectively, by committing to comply with the best available technology requirements established in permit to install 02-12439.
P906	See comments	23-06		N	N	N	N	N	N	See above
P906	See comments		40 CFR Part 60 Subpa rt AAa							<ol style="list-style-type: none"> 1. Visible particulate emissions from the baghouse shall not exhibit three (3) per cent opacity or greater as a six-minute average. 2. Visible particulate emissions of fugitive dust from the electric arc furnace shop due to operation of the EAF shall not exhibit six (6) per cent opacity or greater as a six-minute average.
P907	PE : 0.01 grain per dry standard cubic foot of exhaust gases and 0.46 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P907	PM10: 0.26 tons per year	31-05 (A)(3)		N	N	N	N	Y	N	
P907	Visible particulate emissions from the storage silos bin vent exhausts shall not exceed six percent opacity, as a six-minute average.	31-05 (A)(3)		N	Y	Y	Y	Y	N	

P907	Visible particulate emissions of fugitive dust from the dumping of alloy and charge carbon into the receiving hopper shall not exceed six percent opacity, as a six-minute average.	31-05 (A)(3)		N	Y	Y	Y	Y	N	
P907	Visible particulate emissions of fugitive dust from the alloy handling operations shall not exceed six percent opacity, as a six-minute average.	31-05 (A)(3)		N	Y	Y	Y	Y	N	

P907	See comments	31-05 (A)(3)		N	Y	Y	Y	N	N	<p>1. The flux and ladle carbon are transferred pneumatically to storage. The pneumatic system shall be adequately enclosed so as to eliminate at all times visible emissions of fugitive dust. Any visible emissions of dust emanating from the delivery vehicle shall be cause for the immediate halt of the unloading process and the refusal of the material load until the situation is corrected.</p> <p>2. The flux and ladle carbon silos shall be adequately enclosed and vented to bin vent fabric filters. The enclosures shall be sufficient so as to eliminate, at all times, visible emissions of fugitive dust the sides.</p> <p>3. Alloys, additives, and charge carbon are dumped into a receiving hopper. The receiving hopper shall be enclosed on all sides with an opening for the truck. At the opening, overlapping plastic sheets shall be draped to allow for passage of the truck while maintaining the enclosure.</p> <p>4. The six alloy storage bins shall be loaded by an enclosed conveyor. The six alloy trim bins shall be loaded by means of an enclosed conveyor through a movable hopper. The five batch holding bins shall be loaded by means of an enclosed conveyor through a rotary loading spout. After loading, the storage bins, trim bins, and batch holding bins shall be covered. The enclosures shall be sufficient so as to minimize at all times visible emissions of fugitive dust at all transfer points.</p>
P907	See comments	17-07		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P907	See comments	17-08		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05
P907	See comments	17-11		N	N	N	N	N	N	Less stringent than limit from OAC 3745-31-05

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 requirements. 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.