

		SIP (3745-)	Other							
F005 P901 P902 P903	none	3745-17-08(B) 3745-17-08(B)	n	n	n	n	n	n	n	This facility is not located within an "Appendix A" area identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B). This emission unit is exempt from the visible PE limitation specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).
F005	No VEs, except for 1 minute 213.8 lbs PE/day 42.8 lbs PM10/day	n	y	n	y	y	y	n	n	No testing is required. The monitoring and record keeping requirements are sufficient to ensure ongoing compliance.
P001 P002 P004 P005 P006 P008 P009	20% opacity	17-07 (A)	n	y	y	y	y	n	n	OR- The permittee is required to only burn natural gas in this emissions unit. No testing is required. If required, Method 9 of 40, CFR, part 60, Appendix A will be unitized.
P001 P002 P004 P005 P006 P008 P009	0.020 lb PE/mmBtu of actual heat input 1.13 lbs PE/hr 4.95 tons PE/yr 0.068 lb sulfur dioxide (SO2)/hr 0.30 ton SO2/yr 22.6 lbs nitrogen oxides (NOx)/hr 99.0 tons NOx/yr 7.91 lbs carbon monoxide (CO)/hr 34.7 tons CO/yr 0.32 lb organic compounds (OC)/hr 1.39 tons OC/yr	no	y	y	n	n	n	y	n	OR- The permittee is required to only burn natural gas in this emissions unit.
P001 P002 P004 P005 P006 P008 P009	none	3745-21-08(B) 3745-23-06(B)	n	n	n	n	n	n	n	
P003	20% opacity	3745-17-07(A)	n	n	y	y	y	n	n	ET: If required, the permittee will employ test Method 9, 40 CFR Part 60, Appendix A.
P003	2.2 lbs PE.hr	N	y	n	n	n	n	y	n	

P014	20% opacity	17-07(A)	n	n	y	y	y	n	n	ET: If required, the permittee will employ test Method 9, 40 CFR Part 60, Appendix A.
P014	2.91 lbs PE/hr	n	y	n	n	n	n	n	n	ET: If required, the permittee will employ test Method 5, 40 CFR Part 60, Appendix A.

P901	0.0018 grain particulate emissions (PE) /dscf (See A.I.2.d.) 15.6 lbs PE/hr* 68.2 tons PE/yr* (See A.I.2.h.) 8.8 lbs PE/hr (fugitive) 31.5 tons PE/yr (fugitive) 6.7 lbs PM10/hr (fugitive) 23.9 tons PM10/yr (fugitive) 2205.0 lbs carbon monoxide (CO)/hr* 7875.0 tons CO/yr* 170.1 lbs nitrogen oxides (NOx)/hr* 607.5 tons NOx/yr* 31.5 lbs sulfur dioxide (SO2)/yr* 112.5 tons SO2/yr* 110.3 lbs organic compounds (OC)/hr*	n	y	y	y	y	y	y	n	<p>OR -The permittee shall limit the hourly production rate to 315 tons of steel and the annual production rate to 2.25 million tons of steel per rolling, 12-month summation.</p> <p>OR- The permittee shall follow the procedures outlined in its "Scrap Management Program" in order to minimize the use of scrap that contains mercury, lead, oils, plastics, and organic materials that are charged in the EAF. The "Scrap Management Program" was reviewed and approved by the appropriate Ohio EPA District Office.</p> <p>OR- The maximum pressure in the free space inside the EAF and the control system's fan motor amperes range, when the EAF is operating in the meltdown and refining periods, shall not exceed the maximum value/range measured during the most recent emission testing that demonstrated the emissions unit was in compliance.</p> <p>ET - testing required in accordance with the following:</p> <p>PE: Methods 1 through 5 of 40 CFR, Part 60, Appendix A; NOx: Methods 1 through 4 and 7 of 40 CFR, Part 60, Appendix A; CO: Methods 1 through 4 and 10 of 40 CFR, Part 60, Appendix A; OC: Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A; SO2: Method 6 of 40 CFR, Part 60, Appendix A; and Hg: Method 29 of 40 CFR, Part 60, Appendix A.</p>
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P902 P903	0.0018 grain PE/dscf (See A.I.2.h.) 15.6 lbs PE/hr* 68.2 tons PE/yr* (See A.I.2.e.) 0.95 lb PE/hr (fugitive) 3.38 tons PE/yr (fugitive) 0.72 lb PE10/hr (fugitive) 2.57 tons PE10/yr (fugitive) 78.8 lbs CO/hr* 281.3 tons CO/yr* 4.73 lbs NOx/hr* 16.88 tons NOx/yr* 23.7 lbs SO2/hr* 84.38 tons SO2/yr* 0.31 lb Pb/hr* 1.36 tons Pb/yr* (See A.I.2.f.) 0.38 lb Hg/hr* 0.17 ton Hg/yr* (See A.I.2.f.)	n	y	n	y	y	y	y	n	ET - testing required in accordance with the following: PE: Methods 1 through 5 of 40 CFR, Part 60, Appendix A; NOx: Methods 1 through 4 and 7 of 40 CFR, Part 60, Appendix A; CO: Methods 1 through 4 and 10 of 40 CFR, Part 60, Appendix A; OC: Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A; SO2: Method 6 of 40 CFR, Part 60, Appendix A; and Hg: Method 29 of 40 CFR, Part 60, Appendix A.
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P901	less stringent than 31-05	n	40CFR Part 60, Subpart AAa.							
P902 P903	20% opacity	17-07(A)	n	n	y	y	y	n	n	ET - If required, the permittee is required to employ test Method 9, 40 CFR Part 60, Appendix A.