Facility General Information

General facility information to review and update (please use red or blue ink to update).

Section 1: Facility Identifactio

a.) County Code:	123	**b.) Plant ID:**	00019
c.) Facility Name:	WAUPACA FOUNDRY, INC. PLANT 5		

Section 2: Physical Address:

a.) Source Address:	9856 ST. HWY 66
b.) Source City and Zip Code:	TELL CITY, 47586

Section 3: Mailing Address:

a.) Corporate Name:	WAUPACA FOUNDRY, INC.
b.) Mailing Address:	
c.) Mailing City, State, Zip Code:	,

Section 4: Source Location

a.)	**UTM Vertical:**	4204.5	**UTM Horizontal:**	518
b.)	**Latitude:**	375923	**Longitude:**	864742

Section 5: Industrial Classificatio

a.) Primary NAICS Code:	331511	Iron Foundries
b.) Primary SIC Code:	3321	Gray and Ductile Iron Foundries

Section 6: Contact Informatio

a.) Emissions Contact Official and Title:	JEFF LOEFFLER, ENV. COORDIN.
b.) Emissions Contact Phone Number:	(715) 258-6611
c.) Emissions Contact Fax Number:	
d.) Emissions Contact E-Mail Address:	jloeffle@waupacafoundry.com
e.) Year of Inventory:	2002
f.) Date Updated	
g.) Signature:	

Stack Parameters

Stack Information to Review and Update (please use red or blue ink to update). Use a blank form to add stacks.

Section 7: Stack Information

a.) ID #	b.) Description	c.) Height (ft)	d.) Diameter (ft)	e.) Flow (acfm)	f.) Temp (f)	g.) UTM Vertical or Latitude	h.) UTM Horizontal or
1	SO 1	180	16	726000	100	375923	864742
2	SO 7	170	8	183000	100	375923	864742
3	SO 8	120	4	9000	75	375923	864742
4	SO 9	140	7.67	190000	320	375923	864742
5	S 11 FUGITIVE	0	0	0	0	375923	864742
6	SO 8B	120	4	10000	75	375923	864742
7	SO 14	65	3	26000	80	375923	864742
8	SO 15	180	16	720000	100	375923	864742
9	SO 16	170	8	420000	100	375923	864742

Abatement Equipment Information

Abatement equipment information to review and update (please use red or blue ink to update). Use a blank form to add abatement equipment.

Section 8: Abatement Equipment

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
1	018	FABRIC FILTER - LOW TEMPERATUR - 001, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99.9
PM10	PARTICULATE MATTER 10	99.9
PB	LEAD	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
2	018	FABRIC FILTER - LOW TEMPERATUR - 002, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99
PB	LEAD	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
3	018	FABRIC FILTER - LOW TEMPERATUR - 003, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99
PB	LEAD	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
4	018	FABRIC FILTER - LOW TEMPERATUR - 004, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
5	018	FABRIC FILTER - LOW TEMPERATUR - 005, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
6	018	FABRIC FILTER - LOW TEMPERATUR - 006, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
7	018	FABRIC FILTER - LOW TEMPERATUR - 007, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
8	018	FABRIC FILTER - LOW TEMPERATUR - 008, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
9	018	FABRIC FILTER - LOW TEMPERATUR - 009, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
10	018	FABRIC FILTER - LOW TEMPERATUR - 010, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
11	018	FABRIC FILTER - LOW TEMPERATUR - 011, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
12	018	FABRIC FILTER - LOW TEMPERATUR - 012, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
13	018	FABRIC FILTER - LOW TEMPERATUR - 013, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
14	018	FABRIC FILTER - LOW TEMPERATUR - 014, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
15	018	FABRIC FILTER - LOW TEMPERATUR - 015, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
16	018	FABRIC FILTER - LOW TEMPERATUR - 016, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
17	068	ALKALINE FLY ASH SCRUBBING - 017, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99.9
PT	TOTAL PARTICULATE MATTER	99.9
SO2	SULFUR DIOXIDE	84
VOC	VOLATILE ORGANIC COMPOUNDS	98
CO	CARBON MONOXIDE	99.95

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
18	018	FABRIC FILTER - LOW TEMPERATUR - 021, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
19	099	MISCELLANEOUS CONTROL DEVICES - 025, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	95
PT	TOTAL PARTICULATE MATTER	95

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
21	018	FABRIC FILTER - LOW TEMPERATUR - 028, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
22	025	STAGED COMBUSTION - 029, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
SO2	SULFUR DIOXIDE	84
VOC	VOLATILE ORGANIC COMPOUNDS	98
CO	CARBON MONOXIDE	99.95

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
23	018	FABRIC FILTER - LOW TEMPERATUR - 029, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99.9
PB	LEAD	98.8
PM10	PARTICULATE MATTER 10	99.9

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
24	013	GAS SCRUBBER (GENERAL, NOT CLA - 030, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
VOC	VOLATILE ORGANIC COMPOUNDS	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
25	018	FABRIC FILTER - LOW TEMPERATUR - 031, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
26	018	FABRIC FILTER - LOW TEMPERATUR - 032, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
27	018	FABRIC FILTER - LOW TEMPERATUR - 033, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
28	018	FABRIC FILTER - LOW TEMPERATUR - 034, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99
PB	LEAD	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
29	018	FABRIC FILTER - LOW TEMPERATUR - 035, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99.9
PT	TOTAL PARTICULATE MATTER	99.9

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
30	018	FABRIC FILTER - LOW TEMPERATUR - 036, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
31	018	FABRIC FILTER - LOW TEMPERATUR - 037, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
32	018	FABRIC FILTER - LOW TEMPERATUR - 038, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
33	018	FABRIC FILTER - LOW TEMPERATUR - 039, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
34	018	FABRIC FILTER - LOW TEMPERATUR - 040, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
35	018	FABRIC FILTER - LOW TEMPERATUR - 041, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
36	018	FABRIC FILTER - LOW TEMPERATUR - 042, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
37	018	FABRIC FILTER - LOW TEMPERATUR - 043, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
38	018	FABRIC FILTER - LOW TEMPERATUR - 044, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99
PT	TOTAL PARTICULATE MATTER	99

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
39	018	FABRIC FILTER - LOW TEMPERATUR - 045, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99
PB	LEAD	99
PM10	PARTICULATE MATTER 10	99

Group/Process/Emissions Information

Please complete information for Groups, Processes and Emissions (please use red or blue ink to update). All highlighted items must be completed. Use a blank form to add groups, processes, and

Section 9: Group Information

a.) Group Number: 001	b.) Description: LINE #1 POURING/MOLD COOL		
Operating Schedule: c.) Hours/Day:	d.) Days/Week:	e.) Weeks/Year:	f.) Hours/Year:
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	h.) 2nd Qtr (%):	i.) 3rd Qtr (%):	j.) 4th Qtr (%):

Section 10. Process Information

a.) Process Number: 1	b.) Description: POURING/MOLD COOLING	
c.) Source Classification Code (SCC): 30400318	d.) Units: Tons Gray Iron Produced	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 25		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 1	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	6	0.001	
NO2	NITROGEN DIOXIDE	9	0.01	0.001	
PB	LEAD	9	0.0069	98.999	
PM10	PARTICULATE MATTER 10	9	10.2	99.899	
PT	TOTAL PARTICULATE MATTER	9	10.2	99.899	
SO2	SULFUR DIOXIDE	9	0.02	0.001	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.6	0.001	

Section 9: Group Information

a.) Group Number: 002	**b.) Description:** LINE #2 POURING/MOLD COOL			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #2 POURING/MOLD COOL	
c.) Source Classification Code (SCC): 30400318	d.) Units: Tons Gray Iron Produced	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 16		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 2	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	6	0.001	
NO2	NITROGEN DIOXIDE	9	0.01	0.001	
PB	LEAD	9	0.0069	98.999	
PM10	PARTICULATE MATTER 10	9	10.2	98.999	
PT	TOTAL PARTICULATE MATTER	9	10.2	98.999	
SO2	SULFUR DIOXIDE	9	0.02	0.001	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.6	0.001	

Section 9: Group Information

a.) Group Number: 003	**b.) Description:** LINE #3 POURING/MOLD COOL			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #3 POURING\MOLD COOL		
c.) Source Classification Code (SCC): 30400318		d.) Units: Tons Gray Iron Produced	
e.) Stack Number: 1		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 16			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 3	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	6	0.001	
NO2	NITROGEN DIOXIDE	9	0.01	0.001	
PB	LEAD	9	0.0069	98.999	
PM10	PARTICULATE MATTER 10	9	10.2	98.999	
PT	TOTAL PARTICULATE MATTER	9	10.2	98.999	
SO2	SULFUR DIOXIDE	9	0.02	0.001	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.6	0.001	

Section 9: Group Information

a.) Group Number: 004	**b.) Description:** LINE #4 POURING/MOLD COOL			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #4 POURING\MOLD COOL		
c.) Source Classification Code (SCC): 30400318	d.) Units: Tons Gray Iron Produced		
e.) Stack Number: 1	***f.) Process Rate (throughput):***		
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 25			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 4	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	6	0.001	
NO2	NITROGEN DIOXIDE	9	0.01	0.001	
PB	LEAD	9	0.0069	98.999	
PM10	PARTICULATE MATTER 10	9	10.2	98.999	
PT	TOTAL PARTICULATE MATTER	9	10.2	98.999	
SO2	SULFUR DIOXIDE	9	0.02	0.001	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.6	0.001	

Section 9: Group Information

a.) Group Number: 005	**b.) Description:** P21 RETURN SAND HNDLG SCR		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: RETURN SAND HANDLING\SCRN		
c.) Source Classification Code (SCC): 30400358	d.) Units: Tons Sand Handled		
e.) Stack Number: 1	***f.) Process Rate (throughput):***		
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 480			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 5	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.65	98.999	
PT	TOTAL PARTICULATE MATTER	9	0.65	98.999	

Section 9: Group Information

a.) Group Number: 006	**b.) Description:** P22 SAND COOLER - H2O ADD		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: SAND COOLER -H2O ADDITION	
c.) Source Classification Code (SCC): 30400399	d.) Units: Tons Metal Charged	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 480		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 6	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.65	98.999	
PT	TOTAL PARTICULATE MATTER	9	0.650	98.999	

Section 9: Group Information

a.) Group Number: 007	**b.) Description:** P23 SAND MULLING -HANDLIN		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: SAND MULLING - HANDLING	
c.) Source Classification Code (SCC): 30400350	d.) Units: Tons Sand Handled	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 480		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 7	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.65	98.999	
PT	TOTAL PARTICULATE MATTER	9	0.650	98.999	

Section 9: Group Information

a.) Group Number: 008	**b.) Description:** P24 SPENT SAND HNDLNG SCR		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: SPENT SAND HANDLING SCRNG	
c.) Source Classification Code (SCC): 30400358	d.) Units: Tons Sand Handled	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 50		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 8	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.65	98.999	
PT	TOTAL PARTICULATE MATTER	9	0.65	98.999	

Section 9: Group Information

a.) Group Number: 009	**b.) Description:** PO 4 LINE #1 PICK & SORT		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #1 PICK & SORT	
c.) Source Classification Code (SCC): 30400398	d.) Units: TONS	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 25		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 9	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	1.4	98.999	
PT	TOTAL PARTICULATE MATTER	9	1.40	98.999	

Section 9: Group Information

a.) Group Number: 010	**b.) Description:** PO 9 LINE #2 PICK & SORT		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #2 PICK & SORT	
c.) Source Classification Code (SCC): 30400398	d.) Units: TONS	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 16		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 10	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	1.4	98.999	
PT	TOTAL PARTICULATE MATTER	9	1.40	98.999	

Section 9: Group Information

a.) Group Number: 011	**b.) Description:** PO 5 LINE #1 CLNNG\GRNDNG		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #1 CLEANING\GRINDING	
c.) Source Classification Code (SCC): 30400340	d.) Units: TONS	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 25		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 11	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	4.2	98.999	
PT	TOTAL PARTICULATE MATTER	9	4.20	98.999	

Section 9: Group Information

a.) Group Number: 012	**b.) Description:** P 10 LINE #2 CLNNG\GRNDNG		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #2 CLEANING\GRINDING	
c.) Source Classification Code (SCC): 30400340	d.) Units: TONS	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 16		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 12	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	4.2	98.999	
PT	TOTAL PARTICULATE MATTER	9	4.20	98.999	

Section 9: Group Information

a.) Group Number: 013	**b.) Description:** P 15 LINE #3 CLNNG\GRNDNG		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #3 CLEANING\GRINDING	
c.) Source Classification Code (SCC): 30400340	d.) Units: TONS	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 16		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 13	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	4.2	98.999	
PT	TOTAL PARTICULATE MATTER	9	4.20	98.999	

Section 9: Group Information

a.) Group Number: 014	**b.) Description:** P 20 LINE #4 CLNNG\GRNDNG		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: LINE #4 CLEANING\GRINDING	
c.) Source Classification Code (SCC): 30400340	d.) Units: TONS	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 25		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 14	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	4.2	98.999	
PT	TOTAL PARTICULATE MATTER	9	4.20	98.999	

Section 9: Group Information

a.) Group Number: 015	**b.) Description:** P 25 MTLLC RETURNS HNDLNG		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: METALLIC RETURNS HANDLING	
c.) Source Classification Code (SCC): 30400398	d.) Units: TONS	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 30		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 15	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	1.4	98.999	
PT	TOTAL PARTICULATE MATTER	9	1.40	98.999	

Section 9: Group Information

a.) Group Number: 016	**b.) Description:** P 40 CORE SAND HANDLING			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: CORE SAND HANDLING	
c.) Source Classification Code (SCC): 30400352	d.) Units: TONS OF SAND	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 16		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 16	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.65	98.999	
PT	TOTAL PARTICULATE MATTER	9	0.650	98.999	

Section 9: Group Information

a.) Group Number: 017	**b.) Description:** P 30 CUPOLA MELT			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: CUPOLA MELT	
c.) Source Classification Code (SCC): 30400301	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 4	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 80		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 17	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	145.00	99.949	
NO2	NITROGEN DIOXIDE	9	0.220	0.001	
PB	LEAD	9	0.235	98.999	
PM10	PARTICULATE MATTER 10	9	13.8	99.899	
PT	TOTAL PARTICULATE MATTER	9	13.80	99.899	
SO2	SULFUR DIOXIDE	9	0.72	83.999	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.18	97.999	

Section 9: Group Information

a.) Group Number: 018	**b.) Description:** P 41 WARM BOX CORE MNFCTR		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: WARM BOX CORE MANUFACTURE	
c.) Source Classification Code (SCC): 30400371	d.) Units: Tons Of Cores Produced	
e.) Stack Number: 5	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 16		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.288	0	

Section 9: Group Information

a.) Group Number: 019	**b.) Description:** N G CONSUMPT. CORE MACHNE			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: NATURAL GAS	
c.) Source Classification Code (SCC): 30990003	d.) Units: Million Cubic Feet Burned	
e.) Stack Number: 5	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.0168		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	35.00	0	
NO2	NITROGEN DIOXIDE	9	140.00	0	
PM10	PARTICULATE MATTER 10	9	13.7	0	
PT	TOTAL PARTICULATE MATTER	9	13.70	0	
SO2	SULFUR DIOXIDE	9	0.60	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	5.80	0	

Section 9: Group Information

a.) Group Number: 020	**b.) Description:** LADLE PREHEATING NG			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: LADLE PREHEAT NATURAL GAS	
c.) Source Classification Code (SCC): 30990003	d.) Units: Million Cubic Feet Burned	
e.) Stack Number: 5	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.023		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	35.00	0	
NO2	NITROGEN DIOXIDE	9	140.00	0	
PM10	PARTICULATE MATTER 10	9	13.7	0	
PT	TOTAL PARTICULATE MATTER	9	13.70	0	
SO2	SULFUR DIOXIDE	9	0.60	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	5.80	0	

Section 9: Group Information

a.) Group Number: 021	**b.) Description:** AIR MAKE-UP UNITS		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: AIR MAKE-UP UNITS	
c.) Source Classification Code (SCC): 30990003	d.) Units: Million Cubic Feet Burned	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.00656		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 18	m.) Capture Efficiency: 95

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	35.00	0.001	
NO2	NITROGEN DIOXIDE	9	140.00	0.001	
PM10	PARTICULATE MATTER 10	9	13.7	94.05	
PT	TOTAL PARTICULATE MATTER	9	13.70	94.05	
SO2	SULFUR DIOXIDE	9	0.60	0.001	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.60	0.001	

Section 9: Group Information

a.) Group Number: 022	**b.) Description:** CHARGE MAKE-UP AND HNDLNG			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: CHARGE MAKE-UP AND HNDLNG	
c.) Source Classification Code (SCC): 30400315	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 160		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.006	0	
PT	TOTAL PARTICULATE MATTER	9	0.0060	0	

Section 9: Group Information

a.) Group Number: 023	**b.) Description:** LADLE FILLING & IRON TRNS			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: LADLE FILLING & IRON TRNS	
c.) Source Classification Code (SCC): 30400399	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 160		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.09	0	
PT	TOTAL PARTICULATE MATTER	9	0.090	0	

Section 9: Group Information

a.) Group Number: 024	**b.) Description:** LADLE CLEANING\BURN BARS		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: LADLE CLEANING\BURN BARS	
c.) Source Classification Code (SCC): 30400399	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 160		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.)		b.)	c.)	d.)	**e.)**
Pollutant	Pollutant Description	Estimation Method	Emission Factor	Overall Controll Efficiency	**Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.0012	0	
PT	TOTAL PARTICULATE MATTER	9	0.0012	0	

Section 9: Group Information

a.) Group Number: 025	**b.) Description:** P 87 SAND RECEIVING SILOS		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: SAND SILOS	
c.) Source Classification Code (SCC): 30400356	d.) Units: Tons Sand Handled	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 20		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 19	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.)		b.)	c.)	d.)	**e.)**
Pollutant	Pollutant Description	Estimation Method	Emission Factor	Overall Controll Efficiency	**Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.65	94.999	
PT	TOTAL PARTICULATE MATTER	9	0.65	94.999	

Section 9: Group Information

a.) Group Number: 026	**b.) Description:** P 88 SCRAP IRON, ETC.			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: SCRAP IRON, COKE, LMSTN	
c.) Source Classification Code (SCC): 30400399	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 160		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.0018	0	
PT	TOTAL PARTICULATE MATTER	9	0.0018	0	

Section 9: Group Information

a.) Group Number: 027	**b.) Description:** P 92 VEHICULAR TRAFFIC			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: VEHICULAR TRAFFIC	
c.) Source Classification Code (SCC): 30501050	d.) Units: Vehicle-Miles By Light/Medium Vehicles	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 35.80		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.02	0	
PT	TOTAL PARTICULATE MATTER	9	0.020	0	

Section 9: Group Information

a.) Group Number: 028	**b.) Description:** P42 PHENOLIC URETHANE SH		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: SAND HANDLING	
c.) Source Classification Code (SCC): 30502760	d.) Units: Tons Product Stored	
e.) Stack Number: 6	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 20		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 21	m.) Capture Efficiency: 99

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.65	98.01	
PT	TOTAL PARTICULATE MATTER	9	0.65	98.01	

Section 9: Group Information

a.) Group Number: 029	**b.) Description:** P33 PHASE II CUPOLA		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: CUPOLA		
c.) Source Classification Code (SCC): 30400301		d.) Units: Tons Metal Charged	
e.) Stack Number: 4		*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*	
j.) Maximum Operation Rate (Units/Hour): 80			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 22	m.) Capture Efficiency: 99.9	
k.) Abatement Equipment Order 2	l.) Abatement Equipment ID 23	m.) Capture Efficiency: 99.9	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	8	145.0	99.85	
NO2	NITROGEN DIOXIDE	9	0.22	0.001	
PB	LEAD	9	0.235	98.602	
PM10	PARTICULATE MATTER 10	9	13.8	99.7	
PT	TOTAL PARTICULATE MATTER	9	13.8	99.7	
SO2	SULFUR DIOXIDE	9	0.72	83.916	
VOC	VOLATILE ORGANIC COMPOUNDS	8	0.180	97.902	

Section 9: Group Information

a.) Group Number: 030	**b.) Description:** P43 PH-UR CORE MAKING		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: CORE MAKING		
c.) Source Classification Code (SCC): 30400319		d.) Units: TONS SAND	
e.) Stack Number: 7		*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*	
j.) Maximum Operation Rate (Units/Hour): 20			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 24	m.) Capture Efficiency: 82.5	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
VOC	VOLATILE ORGANIC COMPOUNDS	9	3.45	81.675	

Section 9: Group Information

a.) Group Number: 031	**b.) Description:** P35 DUCTILE IRON TREATMET		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: TREATMENT STATIONS	
c.) Source Classification Code (SCC): 30400321	d.) Units: TONS IRON PRODUCED	
e.) Stack Number: 8	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 80		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 25	m.) Capture Efficiency: 90

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	1.6	89.1	
PT	TOTAL PARTICULATE MATTER	9	1.6	89.1	

Section 9: Group Information

a.) Group Number: 032	**b.) Description:** P54 PHASE II AMU-NAT GAS		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: AMU NATURAL GAS		
c.) Source Classification Code (SCC): 10300602		d.) Units: Million Cubic Feet Natural Gas Burned	
e.) Stack Number: 8		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): .008			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 26	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	8	84.0	0	
NO2	NITROGEN DIOXIDE	8	100.0	0	
PM10	PARTICULATE MATTER 10	9	13.7	98.01	
SO2	SULFUR DIOXIDE	8	0.6	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	5.8	0	

Section 9: Group Information

a.) Group Number: 033	**b.) Description:** P60-62 LINE 5 MOLD COOL			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: SHAKEOUT,COOLING		
c.) Source Classification Code (SCC): 30400325		d.) Units: Tons Of Metal Charged	
e.) Stack Number: 8		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 25			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 27	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	6.0	0	
NO2	NITROGEN DIOXIDE	9	0.01	0	
PB	LEAD	9	0.0069	98.01	
PM10	PARTICULATE MATTER 10	9	8.8	98.01	
PT	TOTAL PARTICULATE MATTER	9	8.8	98.01	
SO2	SULFUR DIOXIDE	9	0.02	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.6	0	

Section 9: Group Information

a.) Group Number: 034	**b.) Description:** P65-67 LINE 6 MOLD COOL			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: SHAKEOUT COOLING	
c.) Source Classification Code (SCC): 30400325	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 8	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 18		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 28	m.) Capture Efficiency: 99

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	6.0	0	
NO2	NITROGEN DIOXIDE	9	0.01	0	
PB	LEAD	9	0.0069	98.01	
PM10	PARTICULATE MATTER 10	9	8.8	98.01	
PT	TOTAL PARTICULATE MATTER	9	8.8	98.01	
SO2	SULFUR DIOXIDE	9	0.02	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.6	0	

Section 9: Group Information

a.) Group Number: 035	**b.) Description:** P70-72 LINE 7 MOLD COOL			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: SHAKEOUT COOLING		
c.) Source Classification Code (SCC): 30400325		d.) Units: Tons Of Metal Charged	
e.) Stack Number: 8		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 30			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 29	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	6.0	0	
NO2	NITROGEN DIOXIDE	9	0.01	0	
PB	LEAD	9	0.0069	98.01	
PM10	PARTICULATE MATTER 10	9	8.8	98.901	
PT	TOTAL PARTICULATE MATTER	9	8.8	98.901	
SO2	SULFUR DIOXIDE	9	0.02	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.6	0	

Section 9: Group Information

a.) Group Number: 036	**b.) Description:** P75 LINE 8 MOLD COOL			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: MOLD COOLING		
c.) Source Classification Code (SCC): 30400318		d.) Units: Tons Gray Iron Produced	
e.) Stack Number: 8		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 18			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 30	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	5	0	
NO2	NITROGEN DIOXIDE	9	0.01	0	
PB	LEAD	9	0.0053	98.01	
PM10	PARTICULATE MATTER 10	9	4.2	98.01	
PT	TOTAL PARTICULATE MATTER	9	4.2	98.01	
SO2	SULFUR DIOXIDE	9	0.02	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.5	0	

Section 9: Group Information

a.) Group Number: 037	**b.) Description:** P80 RETURN HANDLING/SCREN		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: RETURN SAND HANDLING SCRG		
c.) Source Classification Code (SCC): 30502760		d.) Units: Tons Product Stored	
e.) Stack Number: 8		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 600			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 31	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PB	LEAD	9	0.000033	98.01	
PM10	PARTICULATE MATTER 10	9	0.65	98.01	
PT	TOTAL PARTICULATE MATTER	9	0.65	98.01	

Section 9: Group Information

a.) Group Number: 038	**b.) Description:** P81 SAND MULLING/HANDLING			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: SAND MULLING/HANDLING	
c.) Source Classification Code (SCC): 30502760	d.) Units: Tons Product Stored	
e.) Stack Number: 8	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 600		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 32	m.) Capture Efficiency: 99

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PB	LEAD	9	0.000033	98.01	
PM10	PARTICULATE MATTER 10	9	0.65	98.01	
PT	TOTAL PARTICULATE MATTER	9	0.65	98.01	

Section 9: Group Information

a.) Group Number: 039	**b.) Description:** P82 SAND BLENDING/COOLING			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: BLENDING/COOLING		
c.) Source Classification Code (SCC): 30502760		d.) Units: Tons Product Stored	
e.) Stack Number: 8		*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*	
j.) Maximum Operation Rate (Units/Hour): 600			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 33	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PB	LEAD	9	0.000033	98.01	
PM10	PARTICULATE MATTER 10	9	0.65	98.01	
PT	TOTAL PARTICULATE MATTER	9	0.65	98.01	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.0041	0	

Section 9: Group Information

a.) Group Number: 040	**b.) Description:** P83 SPENT SAND HANDLING		
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: SPENT SAND HANDLING		
c.) Source Classification Code (SCC): 30400352		d.) Units: Tons Of Metal Charged	
e.) Stack Number: 8		*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*	
j.) Maximum Operation Rate (Units/Hour): 50			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 34	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.65	98.01	
PT	TOTAL PARTICULATE MATTER	9	0.65	98.01	

Section 9: Group Information

a.) Group Number: 041	**b.) Description:** P84 METAL RETURN HANDLING			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: METAL RETURN HANDLING	
c.) Source Classification Code (SCC): 30400360	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 40		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 35	m.) Capture Efficiency: 99

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PB	LEAD	9	0.00031	98.01	
PM10	PARTICULATE MATTER 10	9	17	98.01	
PT	TOTAL PARTICULATE MATTER	9	17	98.01	

Section 9: Group Information

a.) Group Number: 042	**b.) Description:** P63-4 L5 PICK/SORT/CLEAN			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: PICK/SORT/CLEAN/GRIND		
c.) Source Classification Code (SCC): 30400340		d.) Units: Tons Of Metal Charged	
e.) Stack Number: 9		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 25			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 36	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PB	LEAD	9	0.0057	98.01	
PM10	PARTICULATE MATTER 10	9	18.4	98.01	
PT	TOTAL PARTICULATE MATTER	9	18.4	98.01	

Section 9: Group Information

a.) Group Number: 043	**b.) Description:** P68-9 L6 PICK/SORT/CLEAN			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: PICK/SORT/CLEAN/GRIND		
c.) Source Classification Code (SCC): 30400340		d.) Units: Tons Of Metal Charged	
e.) Stack Number: 9		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 18			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 37	m.) Capture Efficiency: 99	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PB	LEAD	9	0.0057	98.01	
PM10	PARTICULATE MATTER 10	9	18.4	98.01	
PT	TOTAL PARTICULATE MATTER	9	18.4	98.01	

Section 9: Group Information

a.) Group Number: 044	**b.) Description:** P73-4 L7 PICK/SORT/CLEAN			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: PICK/SORT/CLEAN/GRIND	
c.) Source Classification Code (SCC): 30400340	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 9	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 30		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 38	m.) Capture Efficiency: 99

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PB	LEAD	9	0.0057	98.01	
PM10	PARTICULATE MATTER 10	9	18.4	98.01	
PT	TOTAL PARTICULATE MATTER	9	18.4	98.01	

Section 9: Group Information

a.) Group Number: 045	**b.) Description:** P76-9 LINE 8 SHAKOUT			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: SHAKEOUUT/CLEAN/GRINDING	
c.) Source Classification Code (SCC): 30400331	d.) Units: Tons Of Metal Charged	
e.) Stack Number: 9	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 18		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 39	m.) Capture Efficiency: 99

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	1	0	
PB	LEAD	9	0.0072	98.01	
PM10	PARTICULATE MATTER 10	9	23	98.01	
PT	TOTAL PARTICULATE MATTER	9	23	98.01	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.1	0	