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:	063	**b.) Plant ID:**	00037
c.) Facility Name:	QUALITECH STEEL SBQ LLC		

Section 2: Physical Address:

a.) Source Address:	8000 N COUNTY RD 225 E
b.) Source City and Zip Code:	PITTSBORO, 46167

Section 3: Mailing Address:

a.) Corporate Name:	QUALITECH STEEL SBQ LLC
b.) Mailing Address:	
c.) Mailing City, State, Zip Code:	,

Section 4: Source Location

a.)	**UTM Vertical:**	4317.1	**UTM Horizontal:**	586.6
b.)	**Latitude:**	390001	**Longitude:**	860000

Section 5: Industrial Classificatio

a.)	**Primary NAICS Code:**	331112	Electrometallurgical Ferroalloy Product Manufacturing
b.)	**Primary SIC Code:**	3312	Steel Works, Blast Furnaces (Including Coke Ovens), and Rol

Section 6: Contact Informatio

a.)	**Emissions Contact Official and Title:**	ROBERT D. BOSAR, PRESIDENT
b.)	**Emissions Contact Phone Number:**	(317) 892-7171
c.)	**Emissions Contact Fax Number:**	(317) 892-7007
d.)	**Emissions Contact E-Mail Address:**	
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	MELT SHOP BAGHOUSE	150	16	800000	275	390001	860000
2	VACUUM TANK BOILER	40	2.5	12965	500	390001	860000
3	BLOOM MILL REHEAT FURNACE	150	7.17	85000	900	390001	860000

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	099	MISCELLANEOUS CONTROL DEVICES

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99.85
PM10	PARTICULATE MATTER 10	99.85

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:** MELT SHOP			
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: EAF/LMF/CASTER LOW SULFUR	
c.) Source Classification Code (SCC): 30300908	d.) Units: Tons Material Produced	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 135		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 1	m.) Capture Efficiency: 100

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	4.28	0	
NO2	NITROGEN DIOXIDE	9	0.71	0	
PM10	PARTICULATE MATTER 10	9	49.723	99.85	
PT	TOTAL PARTICULATE MATTER	9	85.73	99.85	
SO2	SULFUR DIOXIDE	9	0.53	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.08	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: EAF/LMF/CASTER HI SULFUR	
c.) Source Classification Code (SCC): 30300908	d.) Units: Tons Material Produced	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 135		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 1	m.) Capture Efficiency: 100

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	4.28	0	
NO2	NITROGEN DIOXIDE	9	0.71	0	
PM10	PARTICULATE MATTER 10	9	49.723	99.85	
PT	TOTAL PARTICULATE MATTER	9	85.73	99.85	
SO2	SULFUR DIOXIDE	9	1.23	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.08	0	

Section 9: Group Information

a.) Group Number: 002	**b.) Description:** VACUUM TANK BOILER			
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: VACUUM TANK BOILER	
c.) Source Classification Code (SCC): 10300602	d.) Units: Million Cubic Feet Natural Gas Burned	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 67.5		
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	8	84.0		
NO2	NITROGEN DIOXIDE	8	100.0		
PB	LEAD	9	0	0	
PM10	PARTICULATE MATTER 10	8	3.0		
PT	TOTAL PARTICULATE MATTER	8	7.60		
SO2	SULFUR DIOXIDE	8	0.6		
VOC	VOLATILE ORGANIC COMPOUNDS	8	5.50		

Section 9: Group Information

a.) Group Number: 003	**b.) Description:** BLOOM MILL REHEAT FURNACE			
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: REHEAT FURNACE	
c.) Source Classification Code (SCC): 10200601	d.) Units: Million Cubic Feet Natural Gas Burned	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 175		
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	8	84.0		
NO2	NITROGEN DIOXIDE	8	280.0		
PB	LEAD	9	0	0	
PM10	PARTICULATE MATTER 10	8	3.0		
PT	TOTAL PARTICULATE MATTER	8	7.60		
SO2	SULFUR DIOXIDE	8	0.6		
VOC	VOLATILE ORGANIC COMPOUNDS	8	5.50		