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:	109	**b.) Plant ID:**	00007
c.) Facility Name:	HYDRAULIC PRESS BRICK CO.		

Section 2: Physical Address:

a.) Source Address:	CENTERTON ROAD
b.) Source City and Zip Code:	BROOKLYN, 46111

Section 3: Mailing Address:

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

Section 4: Source Location

a.)	**UTM Vertical:**	4375.6	**UTM Horizontal:**	553.5
b.)	**Latitude:**	393148	**Longitude:**	862239

Section 5: Industrial Classificatio

a.) Primary NAICS Code:	327123	Other Structural Clay Product Manufacturing
b.) Primary SIC Code:	3295	Minerals and Earths, Ground or Otherwise Treated

Section 6: Contact Informatio

a.) Emissions Contact Official and Title:	IRA SMITH, V.P PRODUCTION
b.) Emissions Contact Phone Number:	(317) 831-0710
c.) Emissions Contact Fax Number:	(317) 831-8975
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
2	COOLER	35	4.5	40500	88	393148	862239
3	KILN NO.3, SHALE	30	12	61500	125	393148	862239
4	KILN #4,SHALE	45	4	45000	138	393148	862239
5	KILN #5	70	6	70000	340	393148	862239
6	MATERIAL CRUSH/SCREEN/CON	0	0	0	77	393148	862239

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	001	WET SCRUBBER - HIGH EFFICIENCY - 003, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	0
SO2	SULFUR DIOXIDE	0
PM10	PARTICULATE MATTER 10	0

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
2	001	WET SCRUBBER - HIGH EFFICIENCY - 003, 2

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	0
SO2	SULFUR DIOXIDE	0

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
3	001	WET SCRUBBER - HIGH EFFICIENCY - 004, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
NO2	NITROGEN DIOXIDE	0
PM10	PARTICULATE MATTER 10	0
PT	TOTAL PARTICULATE MATTER	0
SO2	SULFUR DIOXIDE	0

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
4	001	WET SCRUBBER - HIGH EFFICIENCY - 004, 2

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	0
SO2	SULFUR DIOXIDE	0

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
5	001	WET SCRUBBER - HIGH EFFICIENCY - 005, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
NO2	NITROGEN DIOXIDE	0
SO2	SULFUR DIOXIDE	0

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
6	016	FABRIC FILTER - HIGH TEMPERATU - 005, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	0
PM10	PARTICULATE MATTER 10	0

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
7	001	WET SCRUBBER - HIGH EFFICIENCY - 005, 2

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	0
SO2	SULFUR DIOXIDE	0

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
8	061	DUST SUPPRESSION BY WATER SPRA - 006, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	90
PT	TOTAL PARTICULATE MATTER	90

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
9	054	PROCESS ENCLOSED - 006, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	50
PT	TOTAL PARTICULATE MATTER	50

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
10	061	DUST SUPPRESSION BY WATER SPRA - 006, 2

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	90
PM10	PARTICULATE MATTER 10	90

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
11	054	PROCESS ENCLOSED - 006, 2

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	50
PT	TOTAL PARTICULATE MATTER	50

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
12	061	DUST SUPPRESSION BY WATER SPRA - 006, 3

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	90
PT	TOTAL PARTICULATE MATTER	90

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
13	061	DUST SUPPRESSION BY WATER SPRA - 006, 4

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	90
PT	TOTAL PARTICULATE MATTER	90

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
14	076	MULTIPLE CYCLONE W/O FLY ASH R - 007, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	0
PM10	PARTICULATE MATTER 10	0

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: 003	**b.) Description:** #3 KILN		
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: KILN NO 3 SHALE	
c.) Source Classification Code (SCC): 30500915	d.) Units: Tons Clay Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 20.0		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 1	m.) Capture Efficiency: 0

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	0.20	0	
NO2	NITROGEN DIOXIDE	9	0.89	0	
PM10	PARTICULATE MATTER 10	9	0.29	0	
PT	TOTAL PARTICULATE MATTER	9	0.78	0	
SO2	SULFUR DIOXIDE	9	0.23	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.04	0	

Section 9: Group Information

a.) Group Number: 004	**b.) Description:** #4 KILN			
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: KILN NO 4 SHALE (GAS)	
c.) Source Classification Code (SCC): 30502910	d.) Units: Tons Feed Fed	
e.) Stack Number: 4	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 20.0		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 3	m.) Capture Efficiency: 0

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	0.2	0	
NO2	NITROGEN DIOXIDE	9	0.4	0	
PM10	PARTICULATE MATTER 10	9	0.98	0	
PT	TOTAL PARTICULATE MATTER	9	0.98	0	
SO2	SULFUR DIOXIDE	9	0.23	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.02	0	

Section 10. Process Information

a.) Process Number: 3	b.) Description: #4 KILN SHALE (OIL BURN)	
c.) Source Classification Code (SCC): 30502910	d.) Units: Tons Feed Fed	
e.) Stack Number: 4	***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 4	m.) Capture Efficiency: 0

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	0.55	0	
NO2	NITROGEN DIOXIDE	9	1.76	0	
PM10	PARTICULATE MATTER 10	9	0.29	0	
PT	TOTAL PARTICULATE MATTER	9	0.78	0	
SO2	SULFUR DIOXIDE	9	3.15	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.72	0	

Section 9: Group Information

a.) Group Number: 005	**b.) Description:** #5 KILN			
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: KILN NO 5 SHALE GAS COAL	
c.) Source Classification Code (SCC): 30500915	d.) Units: Tons Clay Processed	
e.) Stack Number: 5	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 30.0		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 5	m.) Capture Efficiency: 0
k.) Abatement Equipment Order 2	l.) Abatement Equipment ID 6	m.) Capture Efficiency: 0

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	0.47	0	
NO2	NITROGEN DIOXIDE	9	1.51	0	
PM10	PARTICULATE MATTER 10	9	0.39	0	
PT	TOTAL PARTICULATE MATTER	9	0.39	0	
SO2	SULFUR DIOXIDE	9	4.45	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.62	0	

Section 9: Group Information

a.) Group Number: 006	**b.) Description:** CRUSH/SREEN/CONVEY			
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: SHALE CRUSHING		
c.) Source Classification Code (SCC): 30500904		d.) Units: Tons Raw Material Processed	
e.) Stack Number: 6		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 200.000			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 8	m.) Capture Efficiency: 99.999	
k.) Abatement Equipment Order 2	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)**
CO	CARBON MONOXIDE	9		0	
NO2	NITROGEN DIOXIDE	9		0	
PM10	PARTICULATE MATTER 10	9	0.25	94.999	
PT	TOTAL PARTICULATE MATTER	9	0.50	94.999	
SO2	SULFUR DIOXIDE	9	0	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9		0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: SHALE CONVEYING		
c.) Source Classification Code (SCC): 30500905		d.) Units: Tons Raw Material Processed	
e.) Stack Number: 6		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 200.0			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 10	m.) Capture Efficiency: 99.999	
k.) Abatement Equipment Order 2	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)**
CO	CARBON MONOXIDE	9		0	
NO2	NITROGEN DIOXIDE	9		0	
PM10	PARTICULATE MATTER 10	9	0.40	94.999	
PT	TOTAL PARTICULATE MATTER	9	0.80	94.999	
SO2	SULFUR DIOXIDE	9		0	
VOC	VOLATILE ORGANIC COMPOUNDS	9		0	

Section 10. Process Information

a.) Process Number: 3	b.) Description: HAYDITE CRUSHING		
c.) Source Classification Code (SCC): 30500908		d.) Units: Tons Finished Product Produced	
e.) Stack Number: 6		*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*	
j.) Maximum Operation Rate (Units/Hour): 100.000			
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)**
CO	CARBON MONOXIDE	9		0	
NO2	NITROGEN DIOXIDE	9		0	
PM10	PARTICULATE MATTER 10	9	10.2	89.999	
PT	TOTAL PARTICULATE MATTER	8	12.0	89.999	
SO2	SULFUR DIOXIDE	9		0	
VOC	VOLATILE ORGANIC COMPOUNDS	9		0	

Section 10. Process Information

a.) Process Number: 4	b.) Description: OPEN STORAGE		
c.) Source Classification Code (SCC): 30500910		d.) Units: Tons Finished Product Produced	
e.) Stack Number: 6		*f.) Process Rate (throughput):*	
g.) Ash Content(%):	*h.) Sulfur Content(%):*	*i.) Heat Ratio:*	
j.) Maximum Operation Rate (Units/Hour): 100.00			
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)**
CO	CARBON MONOXIDE	8	0.0	0	
NO2	NITROGEN DIOXIDE	8	0.0	0	
PM10	PARTICULATE MATTER 10	9	0.23	89.999	
PT	TOTAL PARTICULATE MATTER	9	0.33	89.999	
SO2	SULFUR DIOXIDE	9		0	
VOC	VOLATILE ORGANIC COMPOUNDS	9		0	

Section 9: Group Information

a.) Group Number: 007	**b.) Description:** CLINKER COOLER			
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: COOLER	
c.) Source Classification Code (SCC): 30500909	d.) Units: Tons Finished Product Produced	
e.) Stack Number: 2	***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 14	m.) Capture Efficiency: 0

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	0.453	0	
PT	TOTAL PARTICULATE MATTER	9	0.453	0	