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:	101	**b.) Plant ID:**	00005
c.) Facility Name:	NAVAL SURFACE WARFARE CENTER CRANE		

Section 2: Physical Address:

a.) Source Address:	300 HIGHWAY 361
b.) Source City and Zip Code:	CRANE, 475225001

Section 3: Mailing Address:

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

Section 4: Source Location

a.)	**UTM Vertical:**	4304.7	**UTM Horizontal:**	518.3
b.)	**Latitude:**	385333	**Longitude:**	864720

Section 5: Industrial Classificatio

a.) Primary NAICS Code:	92811	National Security	
b.) Primary SIC Code:	9711	National Security	

Section 6: Contact Informatio

a.) Emissions Contact Official and Title:	SHASHI KUMAR,
b.) Emissions Contact Phone Number:	(812) 854-6156
c.) Emissions Contact Fax Number:	(812) 854-4177
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
101	ABRASIVE BLASTING OPS	0	0	0	0	385229	865232
102	COMPRESSORS & GENERATORS	0	0	0	0	385229	865232
103	CARPENTRY SHOP	0	0	0	0	385229	865232
104	OPEN BURNING/DETONATION	0	0	0	0	385229	865232
105	OTA COOK-OFF	0	0	0	0	385229	865232
106	BOILERS & FURNACES	0	0	0	0	385229	865232
107	PAINT BOOTHS	0	0	0	0	385229	865232

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 - A01, 1

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
2	018	FABRIC FILTER - LOW TEMPERATUR - A03,1

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

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: A01	**b.) Description:** ABRASIVE BLASTING OPS			
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: BLAST MEDIA	
c.) Source Classification Code (SCC): 30900205	d.) Units: Tons Abrasive Consumed	
e.) Stack Number: 101	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .007		
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)**
PM10	PARTICULATE MATTER 10	3		90	
PT	TOTAL PARTICULATE MATTER	3		90	

Section 9: Group Information

a.) Group Number: A02	**b.) Description:** COMPRESSORS & GENERATORS		
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: DIESEL FUEL	
c.) Source Classification Code (SCC): 20100101	d.) Units: 1000 Gallons Distillate Oil (Diesel) Bur	
e.) Stack Number: 102	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 16.5		
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)**
106990	1,3-BUTADIENE	3		0	
107028	ACROLEIN	3		0	
108883	TOLUENE	3		0	
1330207	XYLENE (MIXED ISOMERS)	3		0	
50000	FORMALDEHYDE	3		0	
71432	BENZENE	3		0	
75070	ACETALDEHYDE	3		0	
BZ	BENZENE	3		0	
CO	CARBON MONOXIDE	3		0	
NO2	NITROGEN DIOXIDE	3		0	
PM10	PARTICULATE MATTER 10	3		0	
SO2	SULFUR DIOXIDE	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 9: Group Information

a.) Group Number: A03	**b.) Description:** CARPENTRY SHOPS		
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: SAWDUST	
c.) Source Classification Code (SCC): 30700803	d.) Units: Tons Sawdust Processed	
e.) Stack Number: 103	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0045		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 2	m.) Capture Efficiency: 100

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	3		90	

Section 9: Group Information

a.) Group Number: A04	**b.) Description:** OB/OD		
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: PEP CONSUMED	
c.) Source Classification Code (SCC): 50200202	d.) Units: Tons Refuse Burned	
e.) Stack Number: 104	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 10		
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)**
100414	ETHYL BENZENE	3		0	
100425	STYRENE	3		0	
106467	1,4-DICHLOROBENZENE	3		0	
106990	1,3-BUTADIENE	3		0	
108883	TOLUENE	3		0	
108952	PHENOL	3		0	
110543	HEXANE	3		0	
121142	2,4-DINITROTOLUENE	3		0	
131113	DIMETHYL PHTHALATE	3		0	
132649	DIBENZOFURAN	3		0	
1330207	XYLENE (MIXED ISOMERS)	3		0	
71432	BENZENE	3		0	
7439965	MANGANESE	3		0	
7440020	NICKEL	3		0	
74908	HYDROGEN CYANIDE	3		0	
84742	DIBUTYL PHTHALATE	3		0	
91203	NAPHTHALENE	3		0	
98862	ACETOPHENONE	3		0	
CO	CARBON MONOXIDE	3		0	
CRC	CHROMIUM COMPOUNDS	3		0	
NO2	NITROGEN DIOXIDE	3		0	
PB	LEAD	3		0	
PM10	PARTICULATE MATTER 10	3		0	
SO2	SULFUR DIOXIDE	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 9: Group Information

a.) Group Number: A05	**b.) Description:** OTA COOK-OFF		
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: JP FUEL CONSUMED	
c.) Source Classification Code (SCC): 39000589	d.) Units: 1000 Gallons Distillate Oil Burned	
e.) Stack Number: 105	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .06		
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	3		0	
NO2	NITROGEN DIOXIDE	3		0	
PM10	PARTICULATE MATTER 10	3		0	
SO2	SULFUR DIOXIDE	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: DEISEL FUEL CONSUMED	
c.) Source Classification Code (SCC): 39000589	d.) Units: 1000 Gallons Distillate Oil Burned	
e.) Stack Number: 105	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .06		
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	3		0	
NO2	NITROGEN DIOXIDE	3		0	
PM10	PARTICULATE MATTER 10	3		0	
SO2	SULFUR DIOXIDE	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 9: Group Information

a.) Group Number: A06	**b.) Description:** BOILERS & FURNACES		
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: NG CONSUMED	
c.) Source Classification Code (SCC): 10300603	d.) Units: Million Cubic Feet Natural Gas Burned	
e.) Stack Number: 106	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .025		
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	28	0	
NO2	NITROGEN DIOXIDE	9	120	0	
PM10	PARTICULATE MATTER 10	9	5.4	0	
PT	TOTAL PARTICULATE MATTER	9	5.4	0	
SO2	SULFUR DIOXIDE	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	5		0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: FO CONSUMED	
c.) Source Classification Code (SCC): 10301302	d.) Units: 1000 Gallons Waste Oil Burned	
e.) Stack Number: 106	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 181		
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	3		0	
NO2	NITROGEN DIOXIDE	3		0	
PM10	PARTICULATE MATTER 10	3		0	
PT	TOTAL PARTICULATE MATTER	3		0	
SO2	SULFUR DIOXIDE	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 10. Process Information

a.) Process Number: 3	b.) Description: LPG CONSUMED	
c.) Source Classification Code (SCC): 10301002	d.) Units: 1000 Gallons Propane Burned	
e.) Stack Number: 106	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .007		
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	3		0	
NO2	NITROGEN DIOXIDE	3		0	
PM10	PARTICULATE MATTER 10	3		0	
PT	TOTAL PARTICULATE MATTER	3		0	
SO2	SULFUR DIOXIDE	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	

Section 9: Group Information

a.) Group Number: A07	**b.) Description:** PAINT BOOTHS		
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: COATINGS USED	
c.) Source Classification Code (SCC): 40299998	d.) Units: Gallons Material Processed	
e.) Stack Number: 107	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .4		
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)**
100414	ETHYL BENZENE	3		0	
100425	STYRENE	3		0	
108101	METHYL ISOBUTYL KETONE	3		0	
108883	TOLUENE	5		0	
110543	HEXANE	3		0	
131113	DIMETHYL PHTHALATE	3		0	
1330207	XYLENE (MIXED ISOMERS)	3		0	
75092	METHYLENE CHLORIDE	3		0	
78933	METHYL ETHYL KETONE	3		0	
GLYET	GLYCOL ETHERS	3		0	
PBC	LEAD COMPOUNDS	3		0	
VOC	VOLATILE ORGANIC COMPOUNDS	3		0	