EMIT 2010 Emission Reporting

January 18, 2011 – Site Records for 2010 Emission Statement Available

March 1, 2011 – Due date for submission of 2010 Emission Statement

HAPs – Facilities must report HAPs that meet the follow 2 conditions
1. EPA WebFire Emission Factor in EMIT
2. HAPs in a Facilities applicable requirements but does not have an EPA WebFire Emission Factor

EPA HAP Look Up Tool
http://iaspub.epa.gov/sor_internet/registry/substreg/searchandretrieve/substancesearch/search.do

Default HAPs and Addition of HAPs to Report

https://stg-depapps.ct.gov/Inventory/Search.aspx

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Town Number: HARTFORD (75)

Premises Number: 88000

Client Number:

Street Address:

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Advanced Cascade Search

Search

Add Site

Display Current Inventory ☐   Search   ⦿ Site ◯ Source ◯ SCC

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Reports   Inventory

Basic Search

Town Number: HARTFORD (75)

Premises Number: 88000

Client Number:

Street Address:

Advanced Search

Advanced Cascade Search

Search (2 results)

Add Site

Display Current Inventory ☐   Search   ● Site ○ Source ○ SCC

Town	Prem	Client	Client Name	Site Name	Site Address	Period	Status	Options
75	88000	99000	SIPRAC	SIPRAC	79 Elm Street	2010	In Process Internal Update	Select
75	88000	99000	SIPRAC	SIPRAC	79 Elm Street	2009	Accepted	Select

Logout

javascript:__doPostBack('ctl00$DefaultContent$gvSearchResults$ctl02$lnkSelect','')

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https://stg-depapps.ct.gov/Inventory/SiteDetails.aspx

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Site Details

SIPRAC
Site: **SIPRAC**   Client Number: 99000
              79 Elm Street   Town-Prem: 75-88000
                                              Status: In Process Internal Update (Locked) - Michael Trahiotis
                                              Period: 2010

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| Site Information | Site Ownership | Site Contacts | Site Emissions | Sources |

Site Address

*Site Name: SIPRAC

*Address Line 1:   79 Elm Street

Address Line 2:

*City: HARTFORD

*State: Connecticut

*ZIP Code: 06106   -

Site Location

*Latitude: 41.165732 degrees   View Map

*Longitude: -73.118477 degrees

UTM Easting: 657.846 km

UTM Northing: 4558.862 km

Zone: 18

Additional Site Information

Title V Number: 77000

GPLPE:

NAICS Sector: (33) Primary Metal Manufacturing

NAICS Sub-Sector: (336412) Aircraft engine and engine parts manufacturing.

SIC:

Subject to 2:

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Site Details

SIPRAC
Site:	**SIPRAC**		Client Number:	99000
	79 Elm Street		Town-Prem:	75-88000
			Status:	In Process Internal Update (Locked) - Michael Trahiotis
			Period:	2010

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| Site Information | Site Ownership | Site Contacts | Site Emissions | **Sources** |

Filter Criteria

Source Type:	[▼]
Function:	[▼]
Source Name:	[ ]
Show Inactive:	☐

[Filter]

Source List - (3 items)

Point ID	EU ID	Source Type	Source Name	Status	Options
E7001		Process	Process	Active	Select
P7700	E02	Boiler	Boiler 1	Active	Select
P7702		Incinerator	Waste Disposal	Active	Select

Add New Source

*New Source Name:	[ ]
*New Source Type:	[▼]
*Permit Type:	[▼]
*Point ID Number:	[ ]

[Add] [Cancel]

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Source Details

SIPRAC

Site:	SIPRAC 79 Elm Street	Client Number:	99000
		Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010

Source: ◁ (P7700) Boiler 1 ▷

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| Source Information | Fuel & Materials | Source to Stack | Control Banks | Permit Data | Permit Limits | Source Emissions |

General Source Information

Source Type: Boiler   Edit Source Type

*Point ID: P7700

*Name: Boiler 1

Initial Start Up Date: 1/1/2009

EU Number: E02

Shutdown Date:

Subject To 3b: ☐

Revoked Date:

Save   Delete   Cancel

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Source Details

SIPRAC

Site:	SIPRAC	Client Number:	99000
	79 Elm Street	Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010

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Source: ◁ (P7700) Boiler 1 ▷

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| Source Information | Fuel & Materials | Source to Stack | Control Banks | Permit Data | Permit Limits | Source Emissions |

Fuel & Material (SCC) Details

SCC #	Description	Type	Sulfur Percent	Ash Percent	Options
1-01-004-04	External Combustion Boilers Electric Generation Residual Oil Grade 6 Oil: Tangential Firing	Combustion	0.3	0.0	Select Delete
1-01-005-01	External Combustion Boilers Electric Generation Distillate Oil Grades 1 and 2 Oil	Combustion	0.3	0.0	Select Delete
1-02-006-01	External Combustion Boilers Industrial Natural Gas > 100 Million Btu/hr	Combustion	0.06	0.0	Select Delete

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SCC Details

SIPRAC

Site:	SIPRAC	Client Number:	99000
	79 Elm Street	Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010
Source:	(P7700) Boiler 1		
SCC:	1-01-004-04 Residual Oil - Grade 6 Oil: Tangential Firing		

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| **Fuel & Materials Details** | Emission Information | Permit Limits |

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Fuel & Material Data

SCC: 1-01-004-04
        Industry Group: External Combustion Boilers - Electric Generation
        Fuel / Process: Residual Oil - Grade 6 Oil: Tangential Firing

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*Max Burner Rating:	10.0	E3GAL/Hour
*Design Capacity:	2,000.0	MMBTU/Hour
*Summer Day Use:	0.1	E3GAL Residual Oil (No. 6)/Day
*Annual Usage:	100.0	E3GAL Residual Oil (No. 6)/Year
Sulfur Content:	0.3	Percent
Percent Ash:	0.0	Percent
Heat:		
Actual Hours Per Year Fuel Use:	100.0	Hours/Year

Hours of Operation

Actual Hours Per Day:	2.00
Actual Days Per Week:	2.0
Actual Weeks Per Year:	25
Process Start Time:	10:00
Process End Time:	12:00

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Site:	SIPRAC 79 Elm Street	Client Number:	99000
		Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010
Source:	(P7700) Boiler 1		
SCC:	1-01-004-04 Residual Oil - Grade 6 Oil: Tangential Firing		

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Fuel & Materials Details | **Emission Information** | Permit Limits

Annual Usage: (100.0) E3GAL Residual Oil (No. 6)/Year   Daily Fuel Usage: (0.1) E3GAL Residual Oil (No. 6)/Day   *Emission factors are uncontrolled except for CEM and Stack Test.

Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	$(5.9E0*(1.12*S+0.37))+(1.500E0)$		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	$5.9E0*(1.12*S+0.37)$		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	$(4.3E0*(1.12*S+0.37))+(1.500E0)$		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	$4.3E0*(1.12*S+0.37)$		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	$1.57E2*S$		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options

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Pollutant	Emission Factor Origin	(lbs/E3GAL)	Efficiency		Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	(5.9E0* (1.12*S+0.37)) +(1.500E0)		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37)) +(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Logout

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Pollutant	Emission Factor Origin	(lbs/E3GAL)	Efficiency	Actual Emission Amt	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	$(5.9E0*(1.12*S+0.37))+(1.500E0)$		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	$5.9E0*(1.12*S+0.37)$		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	$(4.3E0*(1.12*S+0.37))+(1.500E0)$		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	$4.3E0*(1.12*S+0.37)$		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	$1.57E2*S$		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	Options
1,1,1-Trichloroethane:	EPA EMISSION FACTOR	0.000236		0.0236	Edit

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Logout

PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* $(1.12*S+0.37)$		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	Options
2,4-Dichlorophenoxy Acetic Acid:	EPA EMISSION FACTOR	0		0.0	Edit Delete
Acetonitrile:	EPA EMISSION FACTOR	0		0.0	Edit Delete
Acrolein:	EPA EMISSION FACTOR	0		0.0	Edit Delete
Benzene:	EPA EMISSION FACTOR	0.000214		0.0214	Edit
Ethylbenzene:	EPA EMISSION FACTOR	0.0000636		0.00636	Edit
Formaldehyde:	EPA EMISSION FACTOR	0.033		3.3	Edit
o-Xylene:	EPA EMISSION FACTOR	0.000109		0.0109	Edit
Toluene:	EPA EMISSION FACTOR	0.0062		0.62	Edit

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Logout

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	Options
Acenaphthene:	EPA EMISSION FACTOR	0.0000211		0.00211	Edit
Acenaphthylene:	EPA EMISSION FACTOR	0.000000253		0.0000253	Edit
Anthracene:	EPA EMISSION FACTOR	0.00000122		0.000122	Edit
Benzo (a) anthracene:	EPA EMISSION FACTOR	0.00000401		0.000401	Edit
Benzo (g,h,i) perylene:	EPA EMISSION FACTOR	0.00000226		0.000226	Edit
Chrysene:	EPA EMISSION FACTOR	0.00000238		0.000238	Edit
Dibenzo(a,h) anthracene:	EPA EMISSION FACTOR	0.00000167		0.000167	Edit
Fluoranthene:	EPA EMISSION FACTOR	0.00000484		0.000484	Edit
Fluorene:	EPA EMISSION FACTOR	0.00000447		0.000447	Edit
Indeno(1,2,3-cd) pyrene:	EPA EMISSION FACTOR	0.00000214		0.000214	Edit
Naphthalene:	EPA EMISSION FACTOR	0.00113		0.113	Edit
Phenanthrene:	EPA EMISSION FACTOR	0.0000105		0.00105	Edit
Pyrene:	EPA EMISSION FACTOR	0.00000425		0.000425	Edit

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

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Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

PM HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	Options
Antimony:	EPA EMISSION FACTOR	0.00525		0.525	Edit
Arsenic:	EPA EMISSION FACTOR	0.00132		0.132	Edit
Beryllium:	EPA EMISSION FACTOR	0.0000278		0.00278	Edit
Cadmium:	EPA EMISSION FACTOR	0.000398		0.0398	Edit
Chromium:	EPA EMISSION FACTOR	0.000845		0.0845	Edit
Chromium (VI):	EPA EMISSION FACTOR	0.000248		0.0248	Edit
Cobalt:	EPA EMISSION FACTOR	0.00602		0.602	Edit
Manganese:	EPA EMISSION FACTOR	0.003		0.3	Edit
Mercury:	EPA EMISSION FACTOR	0.000113		0.0113	Edit
Nickel:	EPA EMISSION FACTOR	0.0845		8.45	Edit
Octachlorodibenzo-p-dioxins, total:	EPA EMISSION FACTOR	0.0000000031		0.00000031	Edit
Phosphorus (yellow or white):	EPA EMISSION FACTOR	0.00946		0.946	Edit
Selenium:	EPA EMISSION FACTOR	0.000683		0.0683	Edit

Other Pollutants (No Pollutants)

Add Pollutant

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		(lbs/E3GAL)	Efficiency		
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	(5.9E0*(1.12*S+0.37))+(1.500E0)		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0*(1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0*(1.12*S+0.37))+(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0*(1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants ⌃

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG) ⌄

Non-Photo Chemically Reactive VOC HAPS ⌄

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS ⌄

PM - VOC HAPS ⌄

PM HAPS ⌄

Other Pollutants (No Pollutants)

Add Pollutant

Logout

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PM10, primary:	EPA EMISSION FACTOR	(1.12*S+0.37)) +(1.500E0)		0.20327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37) +(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Add Pollutant

| *Pollutant Category: | |
| *Pollutant: | |

Add   Cancel

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PM10, primary:	EPA EMISSION FACTOR	(1.12*S+0.37)) +(1.500E0)		0.20327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37) +(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Add Pollutant

*Pollutant Category:	HAP - Photo Chemically Reactive VOC HAPS
*Pollutant:	

Add   Cancel

Logout

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PM10, primary:	EPA EMISSION FACTOR	(1.12*S+0.37)) +(1.500E0)		0.20327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37) +(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Add Pollutant

*Pollutant Category:	HAP - Photo Chemically Reactive VOC HAPS
*Pollutant:	1,3-Butadiene

Add   Cancel

Logout

» DEP Contacts

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	$(5.9E0*(1.12*S+0.37))+(1.500E0)$		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	$5.9E0*(1.12*S+0.37)$		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	$(4.3E0*(1.12*S+0.37))+(1.500E0)$		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	$4.3E0*(1.12*S+0.37)$		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	$1.57E2*S$		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summary Day Pollutants ⌃

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG) ⌄

Non-Photo Chemically Reactive VOC HAPS ⌄

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS ⌄

PM - VOC HAPS ⌄

PM HAPS ⌄

Other Pollutants (No Pollutants)

Add Pollutant

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» DEP Contacts

Pollutant	Emission Factor Origin	(lbs/E3GAL)	Efficiency		Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	(5.9E0* (1.12*S+0.37)) +(1.500E0)		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37)) +(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants ⌃

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG) ⌄

Non-Photo Chemically Reactive VOC HAPS ⌄

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS ⌃

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	Options
1,3-Butadiene:	EPA EMISSION FACTOR	0		0.0	Edit Delete
Benzene:	EPA EMISSION FACTOR	0.000214		0.0214	Edit
Ethylbenzene:	EPA EMISSION FACTOR	0.0000636		0.00636	Edit
Formaldehyde:	EPA EMISSION FACTOR	0.033		3.3	Edit
o-Xylene:	EPA EMISSION FACTOR	0.000109		0.0109	Edit
Toluene:	EPA EMISSION FACTOR	0.0062		0.62	Edit

PM - VOC HAPS ⌄

PM HAPS ⌄

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» DEP Contacts

Home > Inventory > Site Details > Source Details > Fuel & Material (SCC) Details   Help

SCC Details

SIPRAC

Site:	SIPRAC	Client Number:	99000
	79 Elm Street	Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010
Source:	(P7700) Boiler 1		
SCC:	◁ 1-01-004-04 Residual Oil - Grade 6 Oil: Tangential Firing ▷		

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• EPA Emission Factor has expired or does not exist. Please select another Emission Factor Origin.

| Fuel & Materials Details | **Emission Information** | Permit Limits |

Annual Usage: (100.00) E3GAL Residual   Daily Fuel Usage: (0.10) E3GAL   *Emission factors are uncontrolled except for CEM and Stack Test.
Oil (No. 6)/Year   Residual Oil (No. 6)/Day

Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25
PM10, primary:	EPA EMISSION FACTOR	(5.9E0* (1.12*S+0.37))+ (1.500E0)		0.28327
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37))+ (1.500E0)		0.22679
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755
Ammonia:	EPA EMISSION FACTOR	0.8		0.04

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor*	Actual	Actual Emission

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PM10, filterable:	EPA EMISSION FACTOR	(1.12*S+0.37)		0.20827
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37))+ (1.500E0)		0.22679
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755
Ammonia:	EPA EMISSION FACTOR	0.8		0.04

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	Options
1,3-Butadiene:	EPA EMISSION FACTOR	0		0.0	Save Cancel
Benzene:	EPA EMISSION FACTOR	0.000214		0.0214	
Ethylbenzene:	EPA EMISSION FACTOR	0.0000636		0.00636	
Formaldehyde:	EPA EMISSION FACTOR	0.033		3.3	
o-Xylene:	EPA EMISSION FACTOR	0.000109		0.0109	
Toluene:	EPA EMISSION FACTOR	0.0062		0.62	

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Logout

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PM10, filterable:	EPA EMISSION FACTOR	(1.12*S+0.37)		0.20827
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37))+ (1.500E0)		0.22679
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755
Ammonia:	EPA EMISSION FACTOR	0.8		0.04

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	Options
1,3-Butadiene:	EPA EMISSION FACTOR	0		0.0	Save Cancel
Benzene:		0.000214		0.0214	
Ethylbenzene:		0.0000636		0.00636	
Formaldehyde:		0.033		3.3	
o-Xylene:		0.000109		0.0109	
Toluene:		0.0062		0.62	

CEMS - CONTINUOUS EMISSION MONIT
EMITTANT ACCOUNTED FOR
ENGINEERING JUDGMENT
EPA ALT EMISSION FACTOR
EPA EMISSION FACTOR
EPA SPECIATION PROFILE
GHG
MANUFACTURER SPECIFICATION
MATERIAL BALANCE
SITE-SPECIFIC EMISSION FACTOR
STACK TEST - AFTER CONTROL
STACK TEST - PRIOR CONTROL
STATE/LOCAL EMISSION FACTOR
STATE/LOCAL SPECIATION PROFILE
TANK MODEL
TRADE GROUP EMISSION FACTOR
VENDOR EMISSION FACTOR

PM - VOC HAPS

PM HAPS

Other Pollutants (

Add Pollutant

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PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0*(1.12*S+0.37))+(1.500E0)		0.22679
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0*(1.12*S+0.37)		0.15179
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355
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Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	Options
1,3-Butadiene:	EPA ALT EMISSION FACTOR	0		0	📝 Save Cancel Factor Units
Benzene:	EPA EMISSION FACTOR	0.000214		0.0214	
Ethylbenzene:	EPA EMISSION FACTOR	0.0000636		0.00636	
Formaldehyde:	EPA EMISSION FACTOR	0.033		3.3	
o-Xylene:	EPA EMISSION FACTOR	0.000109		0.0109	
Toluene:	EPA EMISSION FACTOR	0.0062		0.62	

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Logout

PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37))+ (1.500E0)		0.22679
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755
Ammonia:	EPA EMISSION FACTOR	0.8		0.04

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)		Options
1,3-Butadiene:	EPA ALT EMISSION FACTOR	0.099		0		Save Cancel Factor Units
Benzene:	EPA EMISSION FACTOR	0.000214		0.0214		
Ethylbenzene:	EPA EMISSION FACTOR	0.0000636		0.00636		
Formaldehyde:	EPA EMISSION FACTOR	0.033		3.3		
o-Xylene:	EPA EMISSION FACTOR	0.000109		0.0109		
Toluene:	EPA EMISSION FACTOR	0.0062		0.62		

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Logout

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Pollutant	Emission Factor Origin	(lbs/E3GAL)	Efficiency		Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	(5.9E0* (1.12*S+0.37)) +(1.500E0)		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37)) +(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

Add Pollutant

Logout

» DEP Contacts

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	$(5.9E0*(1.12*S+0.37))+(1.500E0)$		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	$5.9E0*(1.12*S+0.37)$		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	$(4.3E0*(1.12*S+0.37))+(1.500E0)$		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	$4.3E0*(1.12*S+0.37)$		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	$1.57E2*S$		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summary Day Pollutants

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	Options
1,3-Butadiene:	EPA ALTERNATIVE EMISSION FACTOR	0.099		9.9	Edit Delete
Benzene:	EPA EMISSION FACTOR	0.000214		0.0214	Edit
Ethylbenzene:	EPA EMISSION FACTOR	0.0000636		0.00636	Edit
Formaldehyde:	EPA EMISSION FACTOR	0.033		3.3	Edit
o-Xylene:	EPA EMISSION FACTOR	0.000109		0.0109	Edit
Toluene:	EPA EMISSION FACTOR	0.0062		0.62	Edit

PM - VOC HAPS

PM HAPS

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Pollutant	Emission Factor Origin	Emission Factor*	Actual Control % Efficiency	
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25
PM10, primary:	EPA EMISSION FACTOR	(5.9E0* (1.12*S+0.37))+ (1.500E0)		0.28327
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37))+ (1.500E0)		0.22679
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755
Ammonia:	EPA EMISSION FACTOR	0.8		0.04

Summary Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	Options
1,3-Butadiene:	[dropdown]	0.099		9.9	Save Cancel
Benzene:		0.000214		0.0214	
Ethylbenzene:		0.0000636		0.00636	
Formaldehyde:		0.033		3.3	
o-Xylene:		0.000109		0.0109	
Toluene:		0.0062		0.62	

Dropdown options:
CEMS - CONTINUOUS EMISSION MONIT
EMITTANT ACCOUNTED FOR
ENGINEERING JUDGMENT
EPA ALT EMISSION FACTOR
EPA EMISSION FACTOR
EPA SPECIATION PROFILE
GHG
MANUFACTURER SPECIFICATION
MATERIAL BALANCE
SITE-SPECIFIC EMISSION FACTOR
STACK TEST - AFTER CONTROL
STACK TEST - PRIOR CONTROL
STATE/LOCAL EMISSION FACTOR
STATE/LOCAL SPECIATION PROFILE
TANK MODEL
TRADE GROUP EMISSION FACTOR
VENDOR EMISSION FACTOR

PM - VOC HAPS

PM HAPS

Other Pollutants (

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Pollutant	Emission Factor Origin		Efficiency	
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25
PM10, primary:	EPA EMISSION FACTOR	(5.9E0* (1.12*S+0.37))+ (1.500E0)		0.28327
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37))+ (1.500E0)		0.22679
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755
Ammonia:	EPA EMISSION FACTOR	0.8		0.04

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	Options
1,3-Butadiene:	ENGINEERING JUDGMENT ▾	0.098		9.9	Save Cancel Factor Units
Benzene:	EPA EMISSION FACTOR	0.000214		0.0214	
Ethylbenzene:	EPA EMISSION FACTOR	0.0000636		0.00636	
Formaldehyde:	EPA EMISSION FACTOR	0.033		3.3	
o-Xylene:	EPA EMISSION FACTOR	0.000109		0.0109	
Toluene:	EPA EMISSION FACTOR	0.0062		0.62	

PM - VOC HAPS

PM HAPS

Other Pollutants (No Pollutants)

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Pollutant	Emission Factor Origin	(lbs/E3GAL)	Efficiency		Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	(5.9E0* (1.12*S+0.37)) +(1.500E0)		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37)) +(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		3.2	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.5	Edit

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS (No Pollutants)

Photo Chemically Reactive VOC HAPS

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/yr)	Options
1,3-Butadiene:	ENGINEERING JUDGMENT	0.098		9.8	Edit Delete
Benzene:	EPA EMISSION FACTOR	0.000214		0.0214	Edit
Ethylbenzene:	EPA EMISSION FACTOR	0.0000636		0.00636	Edit
Formaldehyde:	EPA EMISSION FACTOR	0.033		3.3	Edit
o-Xylene:	EPA EMISSION FACTOR	0.000109		0.0109	Edit
Toluene:	EPA EMISSION FACTOR	0.0062		0.62	Edit

PM - VOC HAPS

PM HAPS

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Site Details

SIPRAC

Site:	**SIPRAC**		Client Number:	99000
	79 Elm Street		Town-Prem:	75-88000
			Status:	In Process Internal Update (Locked) - Michael Trahiotis
			Period:	2010

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Site Address

*Site Name:	SIPRAC
*Address Line 1:	79 Elm Street
Address Line 2:	
*City:	HARTFORD
*State:	Connecticut
*ZIP Code:	06106 -

Site Location

*Latitude:	41.165732 degrees	View Map
*Longitude:	-73.118477 degrees	
UTM Easting:	657.846 km	
UTM Northing:	4558.862 km	
Zone:	18	

Additional Site Information

Title V Number:	77000
GPLPE:	
NAICS Sector:	(33) Primary Metal Manufacturing
NAICS Sub-Sector:	(336412) Aircraft engine and engine parts manufacturing.
SIC:	

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Site Details

SIPRAC

Site:	**SIPRAC** 79 Elm Street	Client Number: Town-Prem: Status: Period:	99000 75-88000 In Process Internal Update (Locked) - Michael Trahiotis 2010

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Site Information	Site Ownership	Site Contacts	**Site Emissions**	Sources

Criteria Air Pollutants (CAP)

Pollutant	Actual Emissions Amt. (tons/yr)	Allowable Emissions (tons/yr)		Options
Volatile organic compounds (VOC)	1009.733717	1010.31915		Edit
Nitrogen oxides (NOx)	148.37628646	27012.345858		Edit
Carbon monoxide (CO)	182.60456003	35848.687324		Edit
PM10, primary	52.993604	3288.85476		Edit
PM10, filterable	46.2577785	857.45924		Edit
PM2.5, primary	19.190124	3251.73676		Edit
PM2.5, filterable	12.4542985	820.34124		Edit
PM, condensable	6.6858255	2430.89552		Edit
Sulfur Dioxide (SO2)	355.34201574	566.47273		Edit
Lead	0.50633961	0.724348		Edit
Ammonia	4.130288	1365.61152		Edit

Summer Day Pollutants

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS

Photo Chemically Reactive VOC HAPS

PM - VOC HAPS

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PM10, filterable	46.2577785	857.45924	Edit
PM2.5, primary	19.190124	3251.73676	Edit
PM2.5, filterable	12.4542985	820.34124	Edit
PM, condensable	6.6858255	2430.89552	Edit
Sulfur Dioxide (SO2)	355.34201574	566.47273	Edit
Lead	0.50633961	0.724348	Edit
Ammonia	4.130288	1365.61152	Edit

Summer Day Pollutants ⌄

Green House Gases (GHG) ⌄

Non-Photo Chemically Reactive VOC HAPS ⌄

Other HAPS ⌄

Photo Chemically Reactive VOC HAPS ⌃

Pollutant	Actual Emission Amt (lbs/yr)	Allowable Emissions (lbs/yr)		Options
1,3-Butadiene	9.8	98.0		Edit
Acetonitrile	499.95	499.95		Edit
Acrylonitrile	499.95	499.95		Edit
Benzene	120.127903	1902.488		Edit
Carbon tetrachloride	0.19998	0.2		Edit
Chlorobenzene	14.9985	14.998		Edit
Chloroform	0.59994	0.6		Edit
Ethylbenzene	16.00476	16.062		Edit
Formaldehyde	617.53225	64796.24		Edit
Isomers of xylene	18.9981	18.998		Edit
N-Hexane	101.574	1527672.96		Edit
o-Xylene	0.0109	0.11		Edit
p-Dichlorobenzene	8.19918	8.2		Edit
Phenol	439.956	439.956		Edit
Toluene	150.796862	3041.79		Edit
Trichloroethylene	7.9992	8.0		Edit
Vinyl chloride	129.987	129.988		Edit

PM - VOC HAPS ⌄

PM HAPS ⌄

Other Pollutants (No Pollutants)

Logout

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SIPRAC

Site:	**SIPRAC** 79 Elm Street	Client Number:	99000
		Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010

Action

›› View Emission Report

›› Accept Emission Report

›› Change to In Process

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Criteria Air Pollutants (CAP)

Pollutant	Actual Emissions Amt. (tons/yr)	Allowable Emissions (tons/yr)		Options
Volatile organic compounds (VOC)	1009.733717	1010.31915		Edit
Nitrogen oxides (NOx)	148.37628646	27012.345858		Edit
Carbon monoxide (CO)	182.60456003	35848.687324		Edit
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PM, condensable	6.6858255	2430.89552		Edit
Sulfur Dioxide (SO2)	355.34201574	566.47273		Edit
Lead	0.50633961	0.724348		Edit
Ammonia	4.130288	1365.61152		Edit

Summer Day Pollutants

Green House Gases (GHG)

Non-Photo Chemically Reactive VOC HAPS

Other HAPS

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Site Emissions

Other HAPS

Pollutant	Actual Emission Amt (lbs/yr)
Chlorine	43.1
Perchloroethylene	7.9992

Photo Chemically Reactive VOC HAPS

Pollutant	Actual Emission Amt (lbs/yr)
1,3-Butadiene	9.8
Acetonitrile	499.95
Acrylonitrile	499.95
Benzene	120.127903
Carbon tetrachloride	0.19998
Chlorobenzene	14.9985
Chloroform	0.59994
Ethylbenzene	16.00476
Formaldehyde	617.53225
Isomers of xylene	18.9981
N-Hexane	101.574
o-Xylene	0.0109

Edit Stack Exit Direction to 'Fugitive'

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SIPRAC

Site:	SIPRAC	Client Number:	99000
	79 Elm Street	Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010

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Filter Criteria

Source Type: [▼]

Function: [▼]

Source Name: [   ]

Show Inactive: ☐

[Filter]

Source List - (3 items)

Point ID	EU ID	Source Type	Source Name	Status	Options
E7001		Process	Process	Active	Select
P7700	E02	Boiler	Boiler 1	Active	Select
P7702		Incinerator	Waste Disposal	Active	Select

Add New Source

*New Source Name: [   ]

*New Source Type: [▼]

*Permit Type: [▼]

*Point ID Number: [   ]

[Add] [Cancel]

Logout

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Source Details

SIPRAC

Site:	SIPRAC	Client Number:	99000
	79 Elm Street	Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010

Source: (E7001) Process

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| Source Information | Fuel & Materials | Source to Stack | Control Banks | Permit Limits | Source Emissions |

General Source Information

Source Type: Process   Edit Source Type

*Point ID: E7001

*Name: Process

Initial Start Up Date:

EU Number:

Shutdown Date:

Subject To 3b: ☐

Revoked Date:

Save   Delete   Cancel

Logout

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Source Details

SIPRAC

Site:	SIPRAC	Client Number:	99000
	79 Elm Street	Town-Prem:	75-88000
		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010

Source: (E7001) Process

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Source Information | Fuel & Materials | **Source to Stack** | Control Banks | Permit Limits | Source Emissions

Source To Stack

Source

Point ID	Source Name
E7001	Process

Control Equipment

Add

Stack

Stack ID	Stack Name	Percent Flow	Options
200	Fugitive Test	100.00	Select Edit

Add

Stack Details

Stack Name: [▼]
Stack Number:

Logout

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Point ID	Source Name
E7001	Process

Control Equipment

Stack

Stack ID	Stack Name	Percent Flow	Options
200	Fugitive Test	100.00	

Stack Details

Stack Name: Fugitive Test
Stack Number: 200

Stack Assignment

Point ID	Source Name
E7001	Process

Stack Information

*Stack Name:	Fugitive Test	View Map
*Stack Number:	200	
*Stack Height:	0.0 Feet	
*Diameter:	0.0 Feet	
*Minimum Flow at Maximum Capacity:	0.0 ACFM	
*Elevation at Base:	0.0 Feet	
*Lining:	Other	
*Exit Direction:	Horizontal	
*Rain Hat:	No	
*Stack Temperature:	0.0 Fahrenheit	
Maximum Exhaust Flow Rate:	ACFM	
Stack Test Date:		
*Latitude:	41.165732	
*Longitude:	-73.118477	

Deactivate Stack for this Source
Deactivate Stack for All Sources

Update   Cancel

Logout

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Point ID	Source Name
E7001	Process

Control Equipment

Stack

Stack ID	Stack Name	Percent Flow	Options
200	Fugitive Test	100.00	

Stack Details

Stack Name: Fugitive Test
Stack Number: 200

Stack Assignment

Point ID	Source Name
E7001	Process

Stack Information

*Stack Name:	Fugitive Test	View Map
*Stack Number:	200	
*Stack Height:	0.0 Feet	
*Diameter:	0.0 Feet	
*Minimum Flow at Maximum Capacity:	0.0 ACFM	
*Elevation at Base:	0.0 Feet	
*Lining:	Other	
*Exit Direction:	Horizontal	
*Rain Hat:		
*Stack Temperature:	0.0 Fahrenheit	
Maximum Exhaust Flow Rate:	ACFM	
Stack Test Date:		
*Latitude:	41.165732	
*Longitude:	-73.118477	

Fugitive
Fugitive Bad
Horizontal
Vertical

Deactivate Stack for this Source
Deactivate Stack for All Sources

Update   Cancel

Logout

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Source Details

SIPRAC

Site:	SIPRAC 79 Elm Street	Client Number: Town-Prem: Status: Period:	99000 75-88000 In Process Internal Update (Locked) - Michael Trahiotis 2010

Source: (E7001) Process

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Source To Stack

Source

Point ID	Source Name
E7001	Process

Control Equipment

Add

Stack

Stack ID	Stack Name	Percent Flow	Options
200	Fugitive Test	100.00	Select Edit

Add

Stack Details

Stack Name: [dropdown]
Stack Number:

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Point ID	Source Name
E7001	Process

Control Equipment

Stack

Stack ID	Stack Name	Percent Flow		Options
200	Fugitive Test	100.00		

Stack Details

Stack Name: Fugitive Test
Stack Number: 200

Stack Assignment

Point ID	Source Name
E7001	Process

Stack Information

*Stack Name:	Fugitive Test	View Map
*Stack Number:	200	
*Stack Height:	0.0 Feet	
*Diameter:	0.0 Feet	
*Minimum Flow at Maximum Capacity:	0.0 ACFM	
*Elevation at Base:	0.0 Feet	
*Lining:	Other	
*Exit Direction:	Fugitive	
*Rain Hat:	No	
*Stack Temperature:	0.0 Fahrenheit	
Maximum Exhaust Flow Rate:	ACFM	
Stack Test Date:		
*Latitude:	41.165732	
*Longitude:	-73.118477	

Deactivate Stack for this Source
Deactivate Stack for All Sources

Update   Cancel

Logout

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Delete Control Equipment without changing capture efficiency

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		Status:	In Process Internal Update (Locked) - Michael Trahiotis
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Source: ◁ (P7700) Boiler 1 ▷

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Source To Stack

Source

Point ID	Source Name
P7700	Boiler 1

Control Equipment

Add

Stack

Stack ID	Stack Name	Percent Flow	Options
199	Stack 990	100.00	Select Edit

Add

Stack Details

Stack Name: [▾]
Stack Number:

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Source To Stack

Source

Point ID	Source Name
P7700	Boiler 1

Control Equipment

Control Equipment Details

Control Type: [▼]

Control Name: [   ]

[Add] [Cancel]

Stack

Stack ID	Stack Name	Percent Flow	Options
199	Stack 990	100.00	

Stack Details

Stack Name: [▼]

Stack Number:

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Source To Stack

Source

Point ID	Source Name
P7700	Boiler 1

Control Equipment

Control Equipment Details

Control Type: LOW NOX BURNERS (205)   ▾

Control Name: Test Control

Add   Cancel

Stack

Stack ID	Stack Name	Percent Flow	Options
199	Stack 990	100.00	

Stack Details

Stack Name: ▾

Stack Number:

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Source To Stack

Source

Point ID	Source Name
P7700	Boiler 1

Control Equipment

Flow Order	Control Name	Control Type	Move Up/Down	Options
1	Test Control	LOW NOX BURNERS (205)	△ ▽	Select
				Add

Stack

Stack ID	Stack Name	Percent Flow	Options
199	Stack 990	100.00	Select Edit
			Add

Stack Details

Stack Name: [▼]
Stack Number:

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| Source Information | Fuel & Materials | Source to Stack | Control Banks | Permit Data | Permit Limits | Source Emissions |

Volatile organic compounds (VOC) (No Controls)

Nitrogen oxides (NOx) (No Controls)

[▾] [Add]

205 - LOW NOX BURNERS... / Test Control...

Carbon monoxide (CO) (No Controls)

PM10, primary (No Controls)

PM10, filterable (No Controls)

PM2.5, primary (No Controls)

PM2.5, filterable (No Controls)

PM, condensable (No Controls)

Sulfur Dioxide (SO2) (No Controls)

Lead (No Controls)

Ammonia (No Controls)

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Source Information | Fuel & Materials | Source to Stack | **Control Banks** | Permit Data | Permit Limits | Source Emissions

Volatile organic compounds (VOC) (No Controls)

[▼] Add

Nitrogen oxides (NOx)   Actual Efficiency:0.0%

Control Name	Control Type	Options
Test Control	205 - LOW NOX BURNERS	Delete

[▼] Add

Rated Efficiency	Captured Efficiency	Adjustment for Malfunction (Effectiveness)	Actual Efficiency	Options
0.0 %	0.0 %	100.0 %	0.0%	Edit

Carbon monoxide (CO) (No Controls)

PM10, primary (No Controls)

PM10, filterable (No Controls)

PM2.5, primary (No Controls)

Done   Internet   100%

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Source Information | Fuel & Materials | Source to Stack | **Control Banks** | Permit Data | Permit Limits | Source Emissions

Volatile organic compounds (VOC) (No Controls)   ⌃

[▼] Add

Nitrogen oxides (NOx)   Actual Efficiency:0.0%   ⌃

Control Name	Control Type	Options
Test Control	205 - LOW NOX BURNERS	Delete

[▼] Add

Rated Efficiency	Captured Efficiency	Adjustment for Malfunction (Effectiveness)	Actual Efficiency	Options
0.0	0.0	100.0	0.0%	Save Cancel

Carbon monoxide (CO) (No Controls)   ⌄

PM10, primary (No Controls)   ⌄

PM10, filterable (No Controls)   ⌄

PM2.5, primary (No Controls)

Internet   100%

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Source Information	Fuel & Materials	Source to Stack	**Control Banks**	Permit Data	Permit Limits	Source Emissions

Volatile organic compounds (VOC) (No Controls)   △

[dropdown ▾] [Add]

Nitrogen oxides (NOx)   **Actual Efficiency:50.0%**   △

Control Name	Control Type	Options
Test Control	205 - LOW NOX BURNERS	Delete

[dropdown ▾] [Add]

Rated Efficiency	Captured Efficiency	Adjustment for Malfunction (Effectiveness)	Actual Efficiency	Options
50.0 %	100.0 %	100.0 %	50.0%	✎ Edit

Carbon monoxide (CO) (No Controls)   ▽

PM10, primary (No Controls)   ▽

PM10, filterable (No Controls)   ▽

PM2.5, primary (No Controls)   ▽

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Source:	(P7700) Boiler 1		
SCC:	◁ 1-01-004-04 Residual Oil - Grade 6 Oil: Tangential Firing ▷		

Reports	Action	Bookmarks	Documents	Notes	Inventory

Fuel & Materials Details	**Emission Information**	Permit Limits

Annual Usage: (100.0) E3GAL Residual Oil (No. 6)/Year   Daily Fuel Usage: (0.1) E3GAL Residual Oil (No. 6)/Day   *Emission factors are uncontrolled except for CEM and Stack Test.

Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0	50.0	0.8	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	(5.9E0*(1.12*S+0.37))+(1.500E0)		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0*(1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0*(1.12*S+0.37))+(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0*(1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options

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Volatile organic compounds (VOC) (No Controls)

[▼] Add

Nitrogen oxides (NOx)   Actual Efficiency:50.0%

Control Name	Control Type	Options
Test Control	205 - LOW NOX BURNERS	Delete

[▼] Add

Rated Efficiency	Captured Efficiency	Adjustment for Malfunction (Effectiveness)	Actual Efficiency		Options
50.0 %	100.0 %	100.0 %	50.0%	✎	Edit

Carbon monoxide (CO) (No Controls)

PM10, primary (No Controls)

PM10, filterable (No Controls)

PM2.5, primary (No Controls)

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Source: (P7700) Boiler 1

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Volatile orga...

Message from webpage

? Are you sure you want to delete this record?

OK   Cancel

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Add

Nitrogen oxides (NOx)   Actual Efficiency:50.0%

Control Name	Control Type	Options
Test Control	205 - LOW NOX BURNERS	Delete
		Add

Rated Efficiency	Captured Efficiency	Adjustment for Malfunction (Effectiveness)	Actual Efficiency	Options
50.0 %	100.0 %	100.0 %	50.0%	Edit

Carbon monoxide (CO) (No Controls)

PM10, primary (No Controls)

PM10, filterable (No Controls)

PM2.5, primary (No Controls)

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Volatile organic compounds (VOC) (No Controls)

[dropdown] [Add]

Nitrogen oxides (NOx) (No Controls)

[dropdown] [Add]

Carbon monoxide (CO) (No Controls)

PM10, primary (No Controls)

PM10, filterable (No Controls)

PM2.5, primary (No Controls)

PM2.5, filterable (No Controls)

PM, condensable (No Controls)

Sulfur Dioxide (SO2) (No Controls)

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		Status:	In Process Internal Update (Locked) - Michael Trahiotis
		Period:	2010
Source:	(P7700) Boiler 1		
SCC:	◁ 1-01-004-04 Residual Oil - Grade 6 Oil: Tangential Firing ▷		

Reports   Action   Bookmarks   Documents   Notes   Inventory

Fuel & Materials Details | **Emission Information** | Permit Limits

Annual Usage: (100.0) E3GAL Residual   Daily Fuel Usage: (0.1) E3GAL Residual   *Emission factors are uncontrolled except for CEM and Stack Test.
Oil (No. 6)/Year   Oil (No. 6)/Day

Criteria Air Pollutants (CAP)

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (tons/yr)	Options
Volatile organic compounds (VOC):	EPA EMISSION FACTOR	0		0.0	Edit
Nitrogen oxides (NOx):	EPA EMISSION FACTOR	32.0		1.6	Edit
Carbon monoxide (CO):	EPA EMISSION FACTOR	5.0		0.25	Edit
PM10, primary:	EPA EMISSION FACTOR	(5.9E0* (1.12*S+0.37)) +(1.500E0)		0.28327	Edit
PM10, filterable:	EPA EMISSION FACTOR	5.9E0* (1.12*S+0.37)		0.20827	Edit
PM2.5, primary:	EPA EMISSION FACTOR	(4.3E0* (1.12*S+0.37)) +(1.500E0)		0.22679	Edit
PM2.5, filterable:	EPA EMISSION FACTOR	4.3E0* (1.12*S+0.37)		0.15179	Edit
PM, condensable:	EPA EMISSION FACTOR	0.5		0.025	Edit
Sulfur Dioxide (SO2):	EPA EMISSION FACTOR	1.57E2*S		2.355	Edit
Lead:	EPA EMISSION FACTOR	0.00151		0.0000755	Edit
Ammonia:	EPA EMISSION FACTOR	0.8		0.04	Edit

Summer Day Pollutants

Pollutant	Emission Factor Origin	Emission Factor* (lbs/E3GAL)	Actual Control % Efficiency	Actual Emission Amt (lbs/day)	Options

Internet   100%