

SMTV FER/EIS Emissions Report (200503) for 2010
CONSOLIDATED METAL PRODUCTS
1431072125
February 08, 2011

2010 Emissions Summary Report : 200503

Oct 7 2011, 11:00:23

- Report Data

Report Category: SMTV

Submitted Date: 02/08/2011

Reporting Year: 2010

Approved Date 03/03/2011

Reporting State Approved

- Reports Included

FER: X

ES:

EIS: X

- Facility Emissions

| Pollutant | Code | \$ | Fugitive Amount | Stack Amount | Total | Units |
|--|----------|----|-----------------|--------------|-------|-------|
| PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron) | PM-CON | | 0 | 0 | 0. | TONs |
| SO2 - Sulfur Dioxide | SO2 | X | 0 | 0 | 0. | TONs |
| NOx - Nitrogen Oxides | NOX | X | 0 | 0 | 0. | TONs |
| Organic Compounds | OC | X | 2.97 | 0 | 2.97 | TONs |
| Pb - Lead | 7439921 | X | 0 | 0 | 0. | TONs |
| PE (Filt) - Primary PM, Filterable Portion Only | PM-FIL | X | 0 | 0 | 0. | TONs |
| PM10 (Filt) - Primary PM10, Filterable Portion Only | PM10-FIL | | 0 | 0 | 0. | TONs |
| PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only | PM25-FIL | | 0 | 0 | 0. | TONs |
| VOC - Volatile Organic Compounds | VOC | | 2.97 | 0 | 2.97 | TONs |
| Ammonia | NH3 | | 0 | 0 | 0. | TONs |
| CO - Carbon Monoxide | CO | | 0 | 0 | 0. | TONs |
| Total of Chargable Pollutants | | | | | 2.97 | TONS |

- Attachments

| Description | Type | Public Document | Trade Secret Document | Trade secret Justification |
|-------------|------|-----------------|-----------------------|----------------------------|
| | | | | |

- Notes

| User Name | Date | Note |
|-----------|------|------|
| | | |

Emission Units Without Detailed Emissions

Oct 7 2011, 11:00:23

| Emission Unit | Why Excluded | Company Equipment ID |
|---------------|---------------------------------|------------------------|
| K001 | Did Not Operate | Dip Coating Tank |
| P001 | Less Than Reporting Requirement | WHEELABRATOR MACHINE |
| P002 | Less Than Reporting Requirement | LANLY ELECTRIC FURNACE |
| P003 | Less Than Reporting Requirement | Wire Descaling Proces |

Report Pollutant Summary: Total Emissions (Tons)

| Unit | SCC Id | PM-CON | SO2 | NOX | OC | 7439921 | PM-FIL | PM10-FIL | PM25-FIL | VOC | NH3 | CO |
|--------------|-------------|--------|-----|-----|------|---------|--------|----------|----------|------|-----|----|
| K002 | 4-02-001-01 | 0. | 0. | 0. | 2.97 | 0. | 0. | 0. | 0. | 2.97 | 0. | 0. |
| Total | | 0. | 0. | 0. | 2.97 | 0. | 0. | 0. | 0. | 2.97 | 0. | 0. |

Emission Unit Summary: K002

Oct 7 2011, 11:00:23

Emissions Unit ID: K002

Detailed Reporting

DAPC Description:

- Unit Emissions

| Pollutant | Code | \$ | Fugitive Amount | Stack Amount | Total | Units | QA+ |
|--|----------|----|-----------------|--------------|-------|-------|-----|
| PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron) | PM-CON | | 0 | 0 | 0. | TONs | |
| SO2 - Sulfur Dioxide | SO2 | X | 0 | 0 | 0. | TONs | |
| NOx - Nitrogen Oxides | NOX | X | 0 | 0 | 0. | TONs | |
| Organic Compounds | OC | X | 2.97 | 0 | 2.97 | TONs | |
| Pb - Lead | 7439921 | X | 0 | 0 | 0. | TONs | |
| PE (Filt) - Primary PM, Filterable Portion Only | PM-FIL | X | 0 | 0 | 0. | TONs | |
| PM10 (Filt) - Primary PM10, Filterable Portion Only | PM10-FIL | | 0 | 0 | 0. | TONs | |
| PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only | PM25-FIL | | 0 | 0 | 0. | TONs | |
| VOC - Volatile Organic Compounds | VOC | | 2.97 | 0 | 2.97 | TONs | |
| Ammonia | NH3 | | 0 | 0 | 0. | TONs | |
| CO - Carbon Monoxide | CO | | 0 | 0 | 0. | TONs | |
| Total of Chargable Pollutants | | | | | 2.97 | TONS | |

- Processes

- Process & Emissions Detail

Name: Dip Coating Line #2

Source Classification Code (SCC): 4-02-001-01

- Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 16

Days Per Week: 5

Weeks Per Year: 50

Hours Per Year: 4000

Winter (Dec - Feb)%: 25

Spring (March-May)%: 25

Summer (June-Aug)%: 25

Fall (Sept-Nov)%: 25

| Material | Material Action | Throughput | X Units |
|----------|-----------------|------------|---------|
| Coating | Processed | 3336 | GALLONS |

- **Process Emissions**

| Pollutant | Code | \$ Method Used | Hours UnCont | UnCont. Factor (LBS/X) | Fugitive Amount | Stack Amount | Total | Units | Explanation |
|--|----------|---------------------------|--------------|------------------------|-----------------|--------------|-------|-------|---|
| PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron) | PM-CON | emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| SO2 - Sulfur Dioxide | SO2 | X emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| NOx - Nitrogen Oxides | NOX | X emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| Organic Compounds | OC | X emissions: MAT. BALANCE | | | 2.97 | 0 | 2.97 | TONs | Texacote 452 usage 3,135 gallons, VOC content 1.87 lbs/gal; total emissions = 2.93 tons OC/VOC XPl Oil usage 201 gallons, VOC content 0.38 lbs/gal; total emissions = 0.04 tons OC/VOC 2.93 tons + 0.04 tons = 2.97 tons total OC/VOC emissions |
| Pb - Lead | 7439921 | X emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| PE (Filt) - Primary PM, Filterable Portion Only | PM-FIL | X emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| PM10 (Filt) - Primary PM10, Filterable Portion Only | PM10-FIL | emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only | PM25-FIL | emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| VOC - Volatile | VOC | emissions: | | | 2.97 | 0 | 2.97 | TONs | See OC Explanation above. |

| | | | | | | | | | |
|-------------------------------|-----|-------------------------|--|--|---|---|------|------|--|
| Organic Compounds | | MAT. BALANCE | | | | | | | |
| Ammonia | NH3 | emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| CO - Carbon Monoxide | CO | emissions: MAT. BALANCE | | | 0 | 0 | 0. | TONs | |
| Total of Chargable Pollutants | | | | | | | 2.97 | TONS | |