

San Diego APCD  
Emissions Inventory Request Form Instructions

**METAL MELTING AND CASTING OPERATIONS – KIRKSITE**

Please refer to the general instructions for guidance regarding the following sections: Reporting Year, Facility Identification, Permit Information, Device Information, Stack / Ducted Emissions and Fugitive Release Emissions.

**MATERIAL/ PROCESS INFORMATION**

Fill in all the data fields. Complete all blanks using the specified units. Use a separate form to report each material charged for each device. Copy the blank form as needed to report each material charged. On forms with pre-printed process information from a previously submitted inventory, asterisks (\*) highlight data fields that must be updated.

**Annual Production (charges/year):** Report the number of charges processed during the reporting year.

**Avg. Charge Weight (lbs/charge):** Report the average charge weight in pounds.

**Annual Thru-put (lbs charged/year):** Report the total pounds charged for the reporting year. This number must include re-used materials. For example, one pound of kirksite melted two times is reported as two pounds of thru-put.

**Device Operating Schedule:**

**Daily Operation (hours/day):** Report the average amount of hours the device operates in a typical day.

**Weekly Operation (days/week):** Report the average number of days the device operates in a typical week.

**Annual Operation (days/year):** Report the number of days the device operated during the Reporting Year.

**POLLUTANT NAME (weight percent) - REQUIRED**

Provide pollutant in the material charged. Typical pollutants are metals (e.g., cadmium, copper, chromium, manganese, nickel and zinc). If available, provide site-specific factors in units of pounds of pollutant released per ton of material charged with supporting documentation. Default emission factors will be used to estimate emission where site-specific factors are not available or not documented.

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REPORTING YEAR:

EIF ID : SITE RECORD ID :
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PERMIT INFORMATION :

DEVICE INFORMATION :

STACK (DUCTED EMISSIONS)
Diameter (ft): Exhaust Gas Temperature (F): Exhaust Gas Flowrate (CFM): Height Above Ground (ft): Control Device Description: Capture Efficiency (%): Volatile Control Efficiency (%): Non-Volatile Control Efficiency (%):

RELEASE (FUGITIVE EMISSIONS)
Emission Control Method: Volatile Control Efficiency (%): Non-Volatile Control Efficiency (%): Additional Information: Capture Efficiency (%):

MATERIAL/PROCESS INFORMATION
Material Charged: Melting Pot Capacity (cubic inches): Annual Production (charges/year): Avg. Charge Weight (lbs/charge): Annual Thru-put (lbs charged/year): Device Operating Schedule: - Daily Operation (hours/day): - Weekly Operation (days/week): - Annual Operation (days/year):

POLLUTANT NAME	lbs pollutant/ton charged

EIF ID: , SITE RECORD ID: , PERMIT: , DEVICE:

Prepared By: \_\_\_\_\_

Date: \_\_\_\_\_