

San Diego APCD
Emissions Inventory Request Instructions

**THERMAL SPRAY / METAL
DEPOSITION OPERATIONS**

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/USAGE INFORMATION

Fill in all the data fields using the specified units and answer yes or no where requested. Each material must be reported separately, including annual usage, operation, and speciation of each material.

CALCULATION METHOD SELECTION

M01-M01-Plasma Spray-Site Specific Test Results-HEPA Filters
M01-M02-Plasma Spray-Site Specific Test Results-HEPA Filters
M01-M03-Plasma Spray-Default Factors-HEPA Filters
M01-M04-Plasma Spray-Site Specific Test Results-Water Curtain
M01-M05-Plasma Spray-Site Specific Test Results-Water Curtain
M01-M06-Plasma Spray-Default Factors-Water Curtain
M01-M07-Plasma Spray-Default Factors-Scrubber
M01-M08-Flame Spray-Default Factors-HEPA Filters
M01-M09-Flame Spray-Default Factors-Water Curtain
M01-M10-Flame Spray-Default Factors-Scrubber
M01-M11-Flame Spray-Site Specific Test Results-HEPA Filters

Material Name: Provide the name and material specification, consistent with supporting documentation provided (SDS/EDS/PDS, etc.).

Annual Material Usage (lb/year): Report the total amount of material used or combined materials used.

Max Hourly Usage (lb/hr): For each material type, report the maximum amount of material used within a one-hour (60-minute) period.

Transfer Efficiency and Fallout Percent (%): (self-explanatory)

Process Type: Identify the specific type of thermal spray / metal deposition process used with each material.

Control Device Description: Identify the specific type of thermal spray / metal deposition control device used with each material.

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)

Material composition information is required to calculate toxic air contaminant emissions. Provide SDS information for each reported material. Report SDS Chromium weight percent information as Total Chromium, unless the SDS specifies the Hexavalent Chromium (Cr6+) weight percent. Input emission factors into EIS for submission either through direct entry through the 'Enter Emissions Inventory Data' module or through upload of an EIQ spreadsheet. Pollutants' names reported in the Excel EIQ spreadsheet must be consistent with EIS pollutant naming convention, otherwise the pollutant data reported may not import correctly.