

Emissions Inventory Request Instructions

CHEMICAL PROCESSING TANKS – ELECTROPLATING

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. Report each individual tank/process separately.

CALCULATION METHOD SELECTION

- K02-X01 - Decorative Electroplating-Chromium-Uncontrolled
- K02-X02 - Decorative Electroplating-Chromium-Wet Scrubber
- K02-X03 - Decorative Electroplating-Chromium-Chemical Fume Suppressant
- K02-X04 - Decorative Electroplating-Chromium-HEPA Filter
- K02-X08 - Decorative Electroplating-Chromium-Site Specific Factors-After Controls
- K02-X09 - Decorative Electroplating-Chromium-General Emission Factor Procedure
- K02-X10 - Anodizing/Hard Electroplating-Chromium-Uncontrolled
- K02-X11 - Anodizing/Hard Electroplating-Chromium-Wet Scrubber
- K02-X12 - Anodizing/Hard Electroplating-Chromium-Chemical Fume Suppressant
- K02-X13 - Anodizing/Hard Electroplating-Chromium-HEPA Filter
- K02-X18 - Anodizing/Hard Electroplating-Chromium-Site Specific Factors-After Contr
- K02-X19 - Anodizing/Hard Electroplating-Chromium-General Emission Factor Procedure
- K02-X20 - Electroplating-Cadmium-Uncontrolled
- K02-X21 - Electroplating-Cadmium-Wet Scrubber
- K02-X22 - Electroplating-Cadmium-Chemical Fume Suppressant
- K02-X23 - Electroplating-Cadmium-HEPA Filter
- K02-X28 - Electroplating-Cadmium-Site Specific Factors-After Controls
- K02-X29 - Electroplating-Cadmium-General Emission Factor Procedure
- K02-X30 - Electroplating-Cadmium Cyanide-Uncontrolled
- K02-X31 - Electroplating-Cadmium Cyanide-Wet Scrubber
- K02-X32 - Electroplating-Cadmium Cyanide-Chemical Fume Suppressant
- K02-X33 - Electroplating-Cadmium Cyanide-HEPA Filter
- K02-X38 - Electroplating-Cadmium Cyanide-Site Specific Factors-After Controls
- K02-X39 - Electroplating-Cadmium Cyanide-General Emission Factor Procedure
- K02-X40 - Electroplating-Nickel-Uncontrolled
- K02-X41 - Electroplating-Nickel-Wet Scrubber
- K02-X42 - Electroplating-Nickel-Chemical Fume Suppressant
- K02-X43 - Electroplating-Nickel-HEPA Filter
- K02-X48 - Electroplating-Nickel-Site Specific Factors-After Controls
- K02-X49 - Electroplating-Nickel-General Emission Factor Procedure
- K02-X50 - Electroplating-Copper-Uncontrolled
- K02-X51 - Electroplating-Copper-Wet Scrubber
- K02-X52 - Electroplating-Copper-Chemical Fume Suppressant
- K02-X53 - Electroplating-Copper-HEPA Filter
- K02-X58 - Electroplating-Copper-Site Specific Factors-After Controls

K02-X59 - Electroplating-Copper-General Emission Factor Procedure
K02-X60 - Electroplating-Copper Cyanide-Uncontrolled
K02-X61 - Electroplating-Copper Cyanide-Wet Scrubber
K02-X62 - Electroplating-Copper Cyanide-Chemical Fume Suppressant
K02-X63 - Electroplating-Copper Cyanide-HEPA Filter
K02-X68 - Electroplating-Copper Cyanide-Site Specific Factors-After Controls
K02-X69 - Electroplating-Copper Cyanide-General Emission Factor Procedure
K02-X70 - Electroplating-Copper Sulfate-Uncontrolled
K02-X71 - Electroplating-Copper Sulfate-Wet Scrubber
K02-X72 - Electroplating-Copper Sulfate-Chemical Fume Suppressant
K02-X73 - Electroplating-Copper Sulfate-HEPA Filter
K02-X78 - Electroplating-Copper Sulfate-Site Specific Factors-After Controls
K02-X79 - Electroplating-Copper Sulfate-General Emission Factor Procedure
K02-X99 - Electroplating-Other-General Emission Factor Procedure

Air Agitation: Identify if air agitation is used. If air agitation is used, add a device with a K01-Chemical Process Tank calc method.

Contains HCl (hydrochloric acid): Identify tank solutions containing hydrochloric acid.

Contains HF (hydrofluoric acid): Identify tank solutions containing hydrofluoric acid.

Suppressants Name (provide name): Provide the trade name or material name of the mist suppressant used. If no suppressant is used, select 'No Controls'.

Max. Current Usage (amp-hrs/hour): Report the maximum amount of amps-hr used in a single hour, during the reporting period.

Capture and Control Equipment: Identify any capture systems used and cite efficiencies. Control equipment is built into the calculator chosen and the default emissions factors. Unless previously supplied for emissions inventory or listed in the permit description, all efficiencies must be justified with supporting documentation. Upload supporting documentation to EIS before submittal.

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 (lbs pollutant/amp-hr)

Identify pollutants emission factors based on the composition of the plating solution. Provide emission factors for each pollutant (lbs pollutant/ amp-hr) with supporting documentation. 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.