

Emissions Inventory Request Form Instructions

MINERAL PRODUCTS – SCREENING 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 INFORMATION

Fill in all the data fields. Complete all blanks using the specified units and answer yes or no where requested. Report each Screen Type.

CALCULATION METHOD SELECTION

O21-S01-Process Material-Dry-Uncontrolled
O21-S02-Process Material-Dry-Covered
O21-S03-Process Material-Dry-Covered + Water Spray
O21-S04-Process Material-Dry-Covered + Water Spray + Surfactant
O21-S05-Process Material-Dry-Covered + Central Baghouse
O21-S06-Process Material-Dry-Covered + Insertable Filter
O21-S07-Process Material-Dry-Site Specific Controls
O21-S08-Process Material-Wet-Uncontrolled
O21-S09-Fines Material-Dry-Uncontrolled
O21-S10-Fines Material-Dry-Covered
O21-S11-Fines Material-Dry-Covered + Water Spray
O21-S12-Fines Material-Dry-Covered + Water Spray + Surfactant
O21-S13-Fines Material-Dry-Covered + Central Baghouse
O21-S14-Fines Material-Dry-Covered + Insertable Filter
O21-S15-Fines Material-Dry-Site Specific Controls
O21-S16-Fines Material-Wet-Uncontrolled
O21-S17-All Material-Wet Plant Operations-Uncontrolled
O21-S18-All Material-Zero Emission Materials-Uncontrolled

Screen Type: Identify the screen type (i.e., grizzly, single, double-deck, triple-deck, etc.).

Feed Stream Material Type: Describe the material type, choose from “Process Material” (70+% by weight greater than #4 mesh size) “Fines Material”, “Dry Material” or “Wet Material”.

Material Moisture Content: Describe the material type as “wet” or “dry”. Primary and process materials are “dry” at <1.5% moisture content by weight. Fines material is “dry” at <3.0% moisture content by weight. For moisture content >5.0% by weight or more, see the POLLUTANT NAME section below for more details.

Annual Production (tons/year): Report the annual plant production for the reporting year.

Maximum Plant rate (tons/hr): Report the plant maximum hourly production rate (design value).

Maximum Screen Rate (tons/hr): (self-explanatory)

Equipped With:

Uncontrolled:

Cover Only (yes/no):

Cover and Water Spray (yes/no):

Central Fabric Filter (yes/no):

Central Filter Air Flow Rate (scfm): Report the average control device collection rate.

Insertable Fabric Filter (yes/no):

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 (ppmw)

If available, provide site-specific emission factors in units of parts per million by weight (ppmw) with supporting documentation. Certain emission factors will need to be pre-approved by the District. If reporting moisture content of 5.0% by weight or more, provide a detailed lab analysis report with test method used and COC as applicable. Default emission factors will be used where site-specific information is not available or not documented. 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.

Site-specific testing results will be accepted by the District if the protocol and results are approved by the District, which includes District review of the sampling program, approval of the number of sampling sites, location, and method for collection or any of the methods for analysis.

- A sampling and analysis protocol needs to be reviewed and approved by the District prior to the samples being collected.
- The District must be given the opportunity to witness testing.
- The sampling/collection protocol would need to be submitted with results summary and full analytical data package for District approval.