

Emissions Inventory Instructions

ABRASIVE BLASTING OPERATIONS

Please refer to the general instructions for guidance regarding the following sections: reporting year, facility identification, permit information, device information, stack / ducted emissions fugitive release emissions, and other activity data.

MATERIAL/ PROCESS INFORMATION

Fill in all the data fields and refer to EIS or EIQ spreadsheets for specific reporting instructions.

CALCULATION METHOD SELECTION

Calculation method Family D01-000 includes material specific calculation methods:

D01-A01 - Aluminum Oxide Blast Medium, Site Specific Controls

D01-A02 - Copper Slag Blast Medium, Site Specific Controls

D01-A03 - Garnet Blast Medium, Site Specific Controls

D01-A04 - Glass Bead Blast Medium, Site Specific Controls

D01-A05 - Shot Peen Blast Medium, Site Specific Controls

D01-A06 - Silica Sand Blast Medium, Site Specific Controls

D01-A07 - Steel Grit Blast Medium, Site Specific Controls

D01-A08 - Steel Shot Blast Medium, Site Specific Controls

D01-A09 - Walnut Shell Blast Medium, Site Specific Controls

D01-A10 - Misc. Blast Medium, Site Specific Controls If the material used is not listed as a default calculation method, please use the miscellaneous method

Blast Material Used: Provide the type of blast material used. Examples of blast materials include, but are not limited to: aluminum oxide, copper slag, garnet, silica sand and steel grit.

Capture & Control Equipment: Identify any control systems used such as shrouding, mesh, cyclones, wet blasting, booth with fabric filter, booth with wet scrubber, blast cabinet, none, or other (please specify). Unless previously supplied for emission inventory or listed in the Permit description, all control efficiencies must be justified with supporting documentation. Upload supporting documentation to EIS before submittal.

Material Being Removed: Identify the material/coatings being blasted off, and if applicable, identify any metals in the material/coatings.

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/ton blast material)

Provide emission factors for each pollutant (pounds pollutant emitted per ton of blast material used) with supporting documentation. Emission factors should encompass both the blast material and the material being removed, such as a blast waste lab analysis. 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. District approved default emission factors will be used if specific emission factors are not provided.