

Emissions Inventory Request Form Instructions

MINERAL PRODUCTS – GAS FIRED ASPHALT PRODUCTION

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 Plant Type.

CALCULATION METHOD SELECTION

O01-A09 -Asphalt Batch Plant-Natural Gas Fired-Baghouse
O01-A10-Asphalt Drum Mix Plant-Natural Gas Fired-Baghouse

Annual Production (tons/year): Report the tons of material produced during the reporting year.

Maximum Hourly Production (tons/hr): Report the maximum hourly production rate.

Annual Fuel Usage (mmft³/year): Report the total amount of gas used during the reporting year.

Max. Hourly Fuel Usage (ft³/hr): Report the maximum quantity of fuel (ft³/hr) combusted in any single hour during the requested year. If the equipment did not run for an hour at the time of maximum usage, the max amount of fuel combusted during the hour should be used.

Tested Regularly by the District? Answer “yes” if tested regularly by the District.

Drop Zone Controls (describe): If applicable, identify drop zone control equipment.

Drop Zone Collection Efficiency (%): Estimate the capture efficiency of the drop zone control equipment.

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/mmft³ or lbs/ton)

If available, please provide site-specific emission information with supporting documentation. Certain emission factors will need to be pre-approved by the District. Oxides of nitrogen (NO_x) and carbon monoxide (CO) emission factors are reported in units of pounds per million cubic feet gas used. Emission factors for the remaining pollutants are reported in units of pounds per ton asphalt produced. Default emission factors will be used to estimate emissions where site-specific information factors are 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.