

Emissions Inventory Request Instructions

COMBUSTION – GASEOUS FUEL

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

- A01-B11 - Boilers, Digester Gas Fired, No Controls
- A01-B12 - Boilers, Natural Gas Fired, 100+ MMBTU/hr, Pre-NSPS, No Controls
- A01-B13 - Boilers, Natural Gas Fired, 100+ MMBTU/hr, Post-NSPS, No Controls
- A01-B14 - Boilers, Natural Gas Fired, 100+ MMBTU/hr, Low Nox Burners
- A01-B15 - Boilers, Natural Gas Fired, 100+ MMBTU/hr, Flue Gas Recirculation
- A01-B16 - Boilers, Natural Gas Fired, 0.3-100 MMBTU/hr, Uncontrolled
- A01-B17 - Boilers, Natural Gas Fired, 0.3-100 MMBTU/hr, Low NOx Burners
- A01-B18 - Boilers, Natural Gas Fired, 0.3-100 MMBTU/hr, Flue Gas Recirculation
- A01-B19 - Boilers, Natural Gas Fired, Tangential Fired, Uncontrolled
- A01-B20 - Boilers, Natural Gas Fired, Tangential Fired, Flue Gas Recirculation
- A01-B21 - Boilers, Natural Gas Fired, 0.0-0.3 MMBTU/hr, Uncontrolled
- A01-E12 - Engines, Natural Gas Fired, 2 Cycle, Lean Burn, Uncontrolled
- A01-E13 - Engines, Natural Gas Fired, 2 Cycle, Lean Burn, with Selective Catalytic Reduction (SCR)
- A01-E14 - Engines, Natural Gas Fired, 2 Cycle, Lean Burn, with Catalytic Oxidation
- A01-E20 – Engines, Natural Gas Fired, 2 Cycle Lean Burn, SCR + Oxidation Catalyst
- A01-E15 - Engines, Natural Gas Fired, 4 Cycle, Lean Burn, Uncontrolled
- A01-E16 - Engines, Natural Gas Fired, 4 Cycle, Lean Burn with Selective Catalytic Reduction (SCR)
- A01-E17 - Engines, Natural Gas Fired, 4 Cycle, Lean Burn with Catalytic Oxidation
- A01-E18 - Engines, Natural Gas Fired, 4 Cycle, Rich Burn, Uncontrolled
- A01-E19 - Engines, Natural Gas Fired, 4 Cycle, Rich Burn with Non-Selective Catalytic Reduction (NSCR)
- A01-E21 - Engines, Natural Gas Fired, 4 Cycle, Lean Burn, SCR + Oxidation Catalyst
- A01-E09 - Engines, Digester Gas Fired, Uncontrolled
- A01-E11 - Engines, Landfill Gas Fired
- A01-F02 - Flares, Enclosed, Digester Gas Fired
- A01-F04 - Flares, Enclosed, Landfill Gas Fired
- A01-M01 - Miscellaneous External Combustion Equipment, Natural Gas Fired, 0.0-0.3 MMBTU/hr
- A01-T08 - Turbines, Natural Gas Fired, All Sizes, Uncontrolled
- A01-T09 - Turbines, Natural Gas Fired, All Sizes, with Water Injection
- A01-T10 - Turbines, Natural Gas Fired, All Sizes, with Water Injection & Selective Catalytic Reduction (SCR)
- A01-T11 - Turbines, Natural Gas Fired, All Sizes, with Lean-Premix
- A01-T14 - Turbines, Natural Gas Fired, All Sizes, with Water Injection & SCR + Oxidation Catalyst
- A01-T06 - Turbines, Landfill Gas Fired, All Sizes
- A01-T12 - Turbines, Landfill Gas Fired, All Sizes, Uncontrolled
- A01-T13 - Turbines, Digester Gas Fired, All Sizes, Uncontrolled

Fuel Type: Indicate gas fuel combusted.

Design Capacity: Indicate design capacity of equipment and associated units (mmBtu/hr, BHP, etc).

Annual Fuel Usage: For reporting to the District, please convert units of gas to million cubic feet. Please refer to Emission Factor Tables for fuel specific conversion factors.

Max Hourly Fuel Usage: In general, the max hourly usage is the maximum quantity of fuel (ft³/min) combusted in

a single hour, during the inventory 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.

Control Equipment/Requests: Identify any control systems used by choosing the type of control from the drop-down list and cite control efficiencies. 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.

Fuel Sulfur Content: (OPTIONAL) The District normally uses default values for fuel sulfur content.

Device Operating Schedule (OPTIONAL):

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/million ft³ fuel)

Provide site-specific/(Engine/Boiler/Flare/Turbine)-specific emission factors with supporting documentation. Input emission factors into EIS for submission either through direct entry through the direct entry through the 'Enter Emissions Inventory Data' module or through upload of an EIQ spreadsheet. The District will use default emission factors to estimate emissions where site-specific information is not available or not documented. The Default Emission factors, per control choice, represent "controlled releases". If additional controls are existing, the database does not adjust these factors with any additional control efficiencies, control efficiencies must be included in emission factors reported. If there are multiple control technologies which correspond to different efficiencies for specific pollutants (e.g. SCR - 90% NO_x reduction & Catalytic Oxidation - 70% TAC reduction) please indicate in the notes section.