

San Diego APCD
Emissions Inventory Instructions

STACK PARAMETER REPORTING

For purposes of reporting emissions inventory data, point sources are referred to as stacks and stack data requirements apply to all point sources. Beginning with 2022 emission inventory data reported in 2023, stack parameters data must be reported, per CARB's CTR Regulation (93404(a)(6)). A stack is any opening or passage designed to emit gasses, solids, or liquids from a source of air, including but not limited to a chimney, vent, pipe, tank, exhaust, or duct.

The definitions given below align with CARB's CTR Regulation, refer to CARB's [Criteria Pollutant and Toxics Emissions Reporting \(CTR\)](#) for additional information related to reporting stack parameters.

MATERIAL/ PROCESS INFORMATION

Stack parameters should represent, to the extent feasible, a typical, most common, or generally used annual operating parameters which occurred during the emission inventory data reporting period. The parameters should be based on the following, in order of preference: direct measurement (including those taken during source testing), engineering evaluations, engineering specification, or other science-based methods.

Fill in all the data fields and refer to EIS or EIQ spreadsheets for specific reporting instructions. Reporting stack parameters is available at the DEVICE level in EIS.

RELEASE LOCATION

Release location means the location at which a gas stream enters the ambient air. Release location data is to be reported in the EIS Portal, under 'LOCATION' for each source which has associated ducted emissions. The assumed datum is NAD83 and west longitudes should be negative (e.g. 115W should be entered as -115). If the source is moved during the reporting year, please use the most frequented location. The following data elements are required:

Longitude (Decimal Degrees) – Range: -180.0 to 180.0

Latitude (Decimal Degrees) – Range: -90.0 to 90.0

HEIGHT ABOVE GROUND

Height above ground means the physical height of a release point above the immediate, surrounding terrain, in units of feet (ft.)

STACK DIAMETER

The release stack diameter means the inner physical diameter of a circular stack or the equivalent diameter of a rectangular stack, in units of feet (ft.)

FLOW RATE

The flow rate means the volumetric flow rate of the gas stream measured in the stack or at the exit. Reporting units should be of actual cubic feet per minute (acfm).

EXIT TEMPERATURE

The exit temperature means the value of the temperature of an exit gas stream as measure in the stack or at point of release, in units of degrees Fahrenheit.