

San Diego APCD  
Emissions Inventory Request Form Instructions

**MINERAL PRODUCTS – DRILLING & 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 and Fugitive Release Emissions.

**MATERIAL/ PROCESS INFORMATION**

Fill in all the data fields. Complete all blanks using the specified units. Use a separate form to report each Blasting Type. Copy the blank form as needed to report each Blasting Type. On forms with pre-printed process information from a previously submitted inventory, asterisks (\*) highlight data fields that must be updated.

**Blasting Type:** Describe the blasting type, e.g., drill and shoot, or bumping.

**Total Material Quarried (tons/year):** Report the tons of material quarried for the reporting year.

**Number of Blasts per Year:** Report the number of blasts that occurred during the reporting year.

**Average Area per Blast (ft<sup>2</sup>):** Report the average of surface area per blast during the reporting year.

**Maximum Area per Blast (ft<sup>2</sup>):** Report the largest surface area blasted during the reporting year.

**Explosives Information:**

**Explosive Type (dynamite, etc.):** Report the type of explosive used. If different explosives were used at different times, copy this form and report each type of explosive separately.

**Average Charges per Blast:** (self-explanatory)

**Average Charge Weight (lbs):** (self-explanatory)

**Average Charge Depth (feet):** (self-explanatory)

**Blasting Schedule:** Report the requested operating schedule information.

**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/ton Explosive or ppmw)**

If available, provide site-specific emission information with supporting documentation. Oxides of nitrogen (NO<sub>x</sub>), carbon monoxide (CO), and oxides of sulfur (SO<sub>x</sub>) emission factors are combustion by-products reported in units of pounds per ton explosive used. Emission factors for the remaining pollutants from the dust generation are reported in units of parts per million by weight (ppmw). Default values will be used to calculate emissions where site-specific information factors are not available or not documented.

