

San Diego APCD
Emissions Inventory Instructions

BAKING 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

Q01-B01 – Baking Operation-Fermentation Emissions, Uncontrolled

Product Name: Identify each bakery product by name or number on a separate form.

Total Annual Production (ton/year): Reports the total tons of each product during the inventory year.

Max. Hourly Production (ton/year): Report the maximum tons per hour of each baked product.

Capture and Control Equipment: Identify any control systems used and cite control/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.

Initial Mixing:

Yeast Added (weight percent): Report the pounds of yeast used for each 100 pounds of flour used.

Fermentation Time (hours): Report the hours or fraction of hours of fermentation.

Second (Spiking) Mixing:

Yeast Added (weight percent): Report the pounds of yeast used for each 100 pounds of flour used.

Fermentation Time (hours): Report the hours or fraction of hours of fermentation.

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/lbs VOC released)

Provide emission factors for each pollutant (pounds pollutant emitted per pounds of volatile organic compounds released) with supporting documentation. 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.