



air pollution control district  
SANTA BARBARA COUNTY

## BACT ANALYSIS SUMMARY FORM

This form must be submitted by all applicants when Best Available Control Technology (“BACT”) is required, except for small sources that utilize BACT as listed on the APCD’s *Small Source BACT List*, for which case this form is not required. This form supplements APCD Regulation II and applicable APCD application guideline documents. Please fill in all sections of this form completely. Also, fill in a separate form for each emissions unit subject to BACT (multiple units with the same BACT may use only one form). Use additional sheets as necessary.

COMPANY NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

FACILITY\SOURCE NAME: \_\_\_\_\_

1. POLLUTANT(S) SUBJECT TO BACT REVIEW: \_\_\_\_\_

2. EMISSION UNIT(S)/PROCESS(ES) SUBJECT TO BACT REVIEW: \_\_\_\_\_

3. BACT SUMMARY:

Technology: \_\_\_\_\_

Performance Standard: \_\_\_\_\_

4. BACT SELECTION PROCESS DISCUSSION: On a separate sheet of paper, describe the justification for the selected control technology as BACT. Include the following in your description: documentation of technical infeasibility which would preclude the use of a more effective control technology; operating conditions at which the maximum daily and hourly emissions will be generated (baseline parameters); maximum daily and hourly emissions at the baseline conditions and the basis of how the emission rates were estimated; calculations, emission data, and/or other information to determine control effectiveness of each potential control technology; and emission limits expressed both in terms of an emissions cap (e.g., pounds per day) and in terms which ensure compliance at any operating capacity (e.g., pounds per million British thermal units, or parts per million by volume).

APPLICATION No

5. BACT EFFECTIVENESS: Discuss how BACT will be effective over all operating ranges.

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6. BACT DURING NON-STANDARD OPERATIONS: Discuss whether the proposed BACT is achievable during non-standard operations and if not, what BACT is for those operations.

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7. OPERATING CONSTRAINTS: Identify all process variables for which operating limits need to be set in order to ensure compliance with the selected BACT standards.

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8. MONITORING BACT: Describe, in detail, how the selected BACT is to be monitored for its emission reduction effectiveness.

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9. ALTERNATE BASIC EQUIPMENT: Discuss whether alternate basic equipment (e.g., electric motors in lieu of IC engines) can be applied to this application.

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10.  Yes  No Will this be a multi-year and/or multi-phase project?

11.  Yes  No Are all referenced documents attached?

12.  Yes  No If PSD BACT is triggered, was a detailed Top-Down BACT Analysis prepared and submitted with the application? Please be aware that the applicant is responsible for providing the APCD with this analysis.

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