

NJ-002 - SOTA/RACT/BACT/LAER CASE-BY-CASE DETERMINATION SUMMARY

This form must be completed for **each air contaminant** subject to a case-by-case determination for any of the following (check all that apply):

- State-of-the-Art (SOTA) determinations pursuant to N.J.A.C. 7:27-8.12 and 22.35**
- Reasonably Available Control Technolgy (RACT) determtions pursuant to N.J.A.C. 7:27-16.17 and 19.13**
- Best Available Control Technology (BACT) determinations pursuant to 40 CFR 52**
- Lowest Achievable Emission Rate (LAER) determinations pursuant to N.J.A.C. 7:27-18**

Facility Name: _____

Facility PI#: _____

Equipment Subject to Case-by-Case Review: _____

Emission Unit (# _____)

Equipment (NJID# _____)

Air Contaminant: _____

List, in Table 1 below, applicable air pollution control measures, including but not limited to, add-on control equipment, pollution prevention, or a combination of control measures, in **descending order of effectiveness**.

The first-listed or “Top” control measure* will constitute the appropriate control measure for the equipment listed above unless the Applicant provides a demonstration (acceptable to the Department) that the measure should be eliminated from consideration. An air pollution control measure may be eliminated from consideration due to one of the following (multiple infeasibility/impact analyses are not necessary):

1. Technical Infeasibility,
2. Environmental Impacts
3. Economic Impacts (prepared consistent with the EPA Control Cost Manual available at <https://www.epa.gov/economic-and-cost-analysis-air-pollution-regulations/cost-reports-and-guidance-air-pollution#cost-manual>), or
4. Energy Impacts

Note: Only Technical Infeasibility will be used for LAER determinations.

* The Department may request that the applicant evaluate additional control measures.