

**Mandatory Reporting of Greenhouse Gases (40 CFR Part 98)
Optional Facility Application Form For Approval of Alternative Methods for
Determining N₂O Process Emissions for Subparts E Adipic Acid Production and V
Nitric Acid Production**

OMB Control No. 2060-0629
Approval expires 02/28/2025

The incremental public reporting and recordkeeping burden for this collection of information is estimated to average 30 minutes per response (the burden already was included in OMB 2060-0629). This is an optional application form. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

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General Information: *If you are an owner or operator subject to Part 98 Subpart E (40 CFR 98.50) or Subpart V (40 CFR 98.220) and are applying to the EPA Administrator to use an alternate method to calculate your annual process-related N₂O emissions from Adipic Acid or Nitric Acid production, you have the option to use this form for your application. For calendar year 2010, you must submit your application by February 12, 2010 (within 45 days following the effective date of the final rule, which is December 29, 2009). In subsequent years, you must submit your application by January 30th of the year for which you want to use in an alternative method (e.g., January 30, 2013).*

This form must be submitted electronically.

Upon receipt, the request will be recorded in the EPA tracking system, and the requester will be notified that EPA is evaluating the request. EPA will evaluate your request to confirm whether the proposed alternative is acceptable. The agency will then notify you to confirm approval or denial of the application.

If you do not receive approval by August 2nd of the year in which data are being collected (e.g., within 150 days of the end of the reporting year), you must determine the N₂O emissions factor and calculate annual N₂O emissions based on this factor for the current year using the procedures specified in the rule under 98.53(a)(1) or 98.223(a)(1).

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General Information	
Name of Person to Contact about the Application	
Contact Person Address (include street address, city, state and zip code)	
Contact Person Phone Number	
Contact Person E-mail Address	
Contact Person Date Signed	
Contact Person Date Submitted	
Facility and Emissions Unit Information	
Facility Name	
Facility Physical Address (include street address, city, state and zip code)	

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Unit ID (list for each applicable unit)	
Type of Unit (e.g., nitric acid train or adipic acid production process)	
Total number of units at facility included in this application	

Description for Alternative Method
Name of alternative method, if available (e.g., N₂O CEMs)
<i>[Insert name here]</i>

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Description of the Alternative Method

Facilities should describe the following information:

- the calculation method for determining annual N₂O emissions;
- associated data collection procedures (parameters, how the parameters will be determined, frequency of data collection) ;
- initial and ongoing monitoring and QA/QC procedures;
- missing data procedures that will be applied in the event that quality-assured parameters are unavailable (e.g. if a CEMS malfunctions during a unit operation);
- any N₂O emissions abatement technology that is being used on this unit or process;
- any specific test methods or industry consensus standards that would be applied (ASTM, EPA, etc.) for data collection or monitoring; and
- any data reporting elements, in addition to the elements required in the rules, that would be provided to EPA to verify the calculated emissions using the alternative method.

For example, if you are proposing to use a N₂O Continuous Emission Monitoring System (CEMS), you should include a description of the initial certification procedures of the monitor on a percent or ppm N₂O basis including calibration drift tests and relative accuracy test audit (RATA) procedures, references to existing regulations and performance specifications, a description of the ongoing quality assurance procedures for both the N₂O concentration monitor and the stack gas volumetric flow rate monitor. You should also describe how any N₂O emissions abatement technology that is being used on this unit or process and how this technology will be reflected in the calculation of annual N₂O emissions. In addition, the description should include procedures for estimating all missing data for all applicable parameters, such as N₂O concentration, stack gas flow rate, etc. Finally, the description should include any additional data reporting elements, such as common stack configurations that might be relevant for EPA to verify emissions (reporting elements would include, common stack or duct identification number and identification numbers of units sharing the common stack or duct).

[Insert description here or attach documents]

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Justification for the Alternative Method
Reason for your application (e.g. describe reasons for application to use alternative method such as increased accuracy, improved representativeness, more cost effective, etc.)
<i>[Insert justification here]</i>
Supplemental Data (attached) Facilities may include any data that support the alternative method including Relative Accuracy Test Audit (RATA) described in the application, relevant statistical analyses, performance test data results, etc.
<i>[Indicate whether you are including attachments and include a list of files attached]</i>