

**Mandatory Reporting of Greenhouse Gases (40 CFR Part 98)  
Optional Facility Application Form For Approval of Alternative Methods for  
Determining N<sub>2</sub>O Process Emissions for Subparts E Adipic Acid Production and V  
Nitric Acid Production**

OMB Control No. 2060-0629  
Approval expires 05/31/2016

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 N<sub>2</sub>O 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 30<sup>th</sup> of the year for which you want to use in an alternative method (e.g., January 30, 2013).*

This form can be printed and submitted by mail or submitted electronically.

The mail address is:

Carole Cook  
Climate Change Division  
Office of Atmospheric Programs (MC- 6207J)  
Environmental Protection Agency  
1200 Pennsylvania Ave., NW  
Washington, DC 20460

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 2<sup>nd</sup> 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 N<sub>2</sub>O emissions factor and calculate annual N<sub>2</sub>O 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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<b>General Information</b>	
<b>Name of Person to Contact about the Application</b>	
<b>Contact Person Address (include street address, city, state and zip code)</b>	
<b>Contact Person Phone Number</b>	
<b>Contact Person E-mail Address</b>	
<b>Contact Person Date Signed</b>	
<b>Contact Person Date Submitted</b>	
<b>Facility and Emissions Unit Information</b>	
<b>Facility Name</b>	
<b>Facility Physical Address (include street address, city, state and zip code)</b>	
<b>Unit ID (list for each applicable unit)</b>	
<b>Type of Unit (e.g., nitric acid train or adipic acid production process)</b>	
<b>Total number of units at facility included in this application</b>	

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<b>Description for Alternative Method</b>
<b>Name of alternative method, if available (e.g., N<sub>2</sub>O CEMs)</b>
<i>[Insert name here]</i>
<b>Description of the Alternative Method</b>  Facilities should describe the following information: <ul style="list-style-type: none"><li>• the calculation method for determining annual N<sub>2</sub>O emissions;</li><li>• associated data collection procedures (parameters, how the parameters will be determined, frequency of data collection) ;</li><li>• initial and ongoing monitoring and QA/QC procedures;</li><li>• 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);</li><li>• any N<sub>2</sub>O emissions abatement technology that is being used on this unit or process;</li><li>• any specific test methods or industry consensus standards that would be applied (ASTM, EPA, etc.) for data collection or monitoring; and</li><li>• 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.</li></ul> For example, if you are proposing to use a N <sub>2</sub> O Continuous Emission Monitoring System (CEMS), you should include a description of the initial certification procedures of the monitor on a percent or ppm N <sub>2</sub> O 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 N <sub>2</sub> O concentration monitor and the stack gas volumetric flow rate monitor. You should also describe how any N <sub>2</sub> O emissions abatement technology that is being used on this unit or process and how this technology will be reflected in the calculation of annual N <sub>2</sub> O emissions. In addition, the description should include procedures for estimating all missing data for all applicable parameters, such as N <sub>2</sub> O 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).
<i>[Insert description here or attach documents]</i>

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<b>Justification for the Alternative Method</b>
<b>Reason for your application (e.g. describe reasons for application to use alternative method such as increased accuracy, improved representativeness, more cost effective, etc.)</b>
<i>[Insert justification here]</i>
<b>Supplemental Data (attached)</b> 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>