

# Subpart E Unit Information for the Site-Specific Emission Factor and Production Data Method

This page provides a step-by-step description of how to add unit information for a subpart E adipic acid production facility for which the site-specific emission factor and production data method is used to estimate emissions.

## Step 1. Add an Adipic Acid Production Unit

From the Subpart E Overview page, click on the Add a Unit link beneath the UNIT SUMMARY table.

>> [Click this link to expand](#)

DR Enterprises - TEST  
**Subpart E: Adipic Acid Production (2014)**  
[Subpart E Overview](#)

**OVERVIEW OF SUBPART E REPORTING REQUIREMENTS**  
Subpart E requires affected facilities to report nitrous oxide (N<sub>2</sub>O) emissions from adipic acid production facilities. Use this page to identify each unit. Then enter Greenhouse gas (GHG) data required by Subpart E for each. For additional information about Subpart E reporting, please use the e-GGRT Help link(s) provided.

Method: Site-Specific emission factor and production data [CHANGE](#)

**SUBPART E SUMMARY INFORMATION FOR THIS FACILITY**

N <sub>2</sub> O emissions (metric tons)	N <sub>2</sub> O emissions sold/transferred (metric tons)
0.330	0.000 <a href="#">OPEN</a>

**UNIT SUMMARY**

Unit Name/ID	Status <sup>1</sup>		Delete
<a href="#">AA-1</a>	Complete	<a href="#">OPEN</a>	<a href="#">X</a>

[+ ADD a Unit](#)  
[Facility Overview](#)

**EPA** United States Environmental Protection Agency

**e-GGRT** Electronic Greenhouse Gas Reporting Tool

HOME FACILITY REGISTRATION FACILITY MANAGEMENT DATA REPORTING

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**Subpart E: Adipic Acid Production (2014)**  
[Subpart E Overview](#)

**OVERVIEW OF SUBPART E REPORTING REQUIREMENTS**  
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Annual mass of N<sub>2</sub>O (metric tons) **0.330**

**Subpart E: No Validation Messages**

Method: Site-Specific emission factor and production data [CHANGE](#)

**SUBPART E SUMMARY INFORMATION FOR THIS FACILITY**

N <sub>2</sub> O emissions (metric tons)	N <sub>2</sub> O emissions sold/transferred (metric tons)
0.330	0.000 <a href="#">OPEN</a>

**UNIT SUMMARY**

Unit Name/ID	Status <sup>1</sup>		Delete
<a href="#">AA-1</a>	Complete	<a href="#">OPEN</a>	<a href="#">X</a>

[+ ADD a Unit](#)  
[Facility Overview](#)

Paperwork Reduction Act Burden Statement | Contact Us

e-GGRT RY2014.R21 | E-overview

This action takes you to the Add/Edit Unit page shown below.

>> Click this link to expand

**DR Enterprises - TEST**  
**Subpart E: Adipic Acid Production (2014)**  
 Subpart Overview » [Add/Edit Unit](#)

**OVERVIEW OF SUBPART E REPORTING REQUIREMENTS**  
 Subpart E requires affected facilities to report nitrous oxide (N<sub>2</sub>O) emissions from adipic acid production facilities. Use this page to identify each unit. Then enter Greenhouse gas (GHG) data required by Subpart E for each. For additional information about Subpart E reporting, please use the e-GGRT Help link(s) provided.

**UNIT INFORMATION**

Name or ID\* (40 characters maximum)

Description (optional)

Type Adipic Acid Production Unit

**ABATEMENT CONFIGURATION**

Configuration of\* abatement technologies Select

**CANCEL SAVE**

**DR Enterprises - TEST**  
**Subpart E: Adipic Acid Production (2014)**  
 Subpart Overview » [Add/Edit Unit](#)

**OVERVIEW OF SUBPART E REPORTING REQUIREMENTS** \* denotes a required field  
 Subpart E requires affected facilities to report nitrous oxide (N<sub>2</sub>O) emissions from adipic acid production facilities. Use this page to identify each unit. Then enter Greenhouse gas (GHG) data required by Subpart E for each. For additional information about Subpart E reporting, please use the e-GGRT Help link(s) provided.

**UNIT INFORMATION**

Name or ID\* (40 characters maximum)

Description (optional)

Type Adipic Acid Production Unit

**ABATEMENT CONFIGURATION**

Configuration of\* abatement technologies Select

**CANCEL SAVE**

Enter the following information on the Add/Edit Unit page:

- A unique name or identifier (see also [About Unique Unit Names](#))
- An optional description of the unit

In the ABATEMENT CONFIGURATION section, select the configuration of abatement technologies from the following options in the dropdown:

- One abatement technology is located after the test point (Equation E-3a)
- Multiple abatement technologies are located after the test point in series (Equation E-3b)
- Multiple abatement technologies are located after the test point in parallel (Equation E-3c)
- No abatement technologies are located after the test point (Equation 3-d)

Click on SAVE to return to the Subpart E Overview page.

## Step 2. Enter Site-Specific Method Details

From the Subpart E Overview page, click on the OPEN button for the unit you wish to enter information. This action will take you to the Site-Specific Method Details page for that unit, as shown in the following screenshot.

>> Click this link to expand

**DR Enterprises - TEST**  
**Subpart E: Adipic Acid Production (2014)**  
[Subpart Overview](#) » [AA-1](#) » [Site-specific Method Details](#)

**OVERVIEW OF SUBPART E REPORTING REQUIREMENTS**  
 Subpart E requires affected facilities to report nitrous oxide (N<sub>2</sub>O) emissions from adipic acid production facilities. Use this page to identify each unit. Then enter Greenhouse gas (GHG) data required by Subpart E for each. For additional information about Subpart E reporting, please use the e-GGRT Help link(s) provided.

**SITE-SPECIFIC METHOD DETAILS**  
 Unit name or ID: AA-1  
 Number of test runs: 0  
 Number of times test runs were repeated:   
 Method used for the performance test:

**TEST RUNS**

Name/ID	N <sub>2</sub> O Concentration (ppm)	Volumetric Flow (dscf/hr)	Delete
+ADD Test Run			

**ABATEMENT TECHNOLOGIES**

Name/ID	Destruction Efficiency	Abatement Utilization Factor	Delete
+ADD Abatement Technology			

**DR Enterprises - TEST**  
**Subpart E: Adipic Acid Production (2014)**  
[Subpart Overview](#) » [AA-1](#) » [Site-specific Method Details](#)

**OVERVIEW OF SUBPART E REPORTING REQUIREMENTS**  
 Subpart E requires affected facilities to report nitrous oxide (N<sub>2</sub>O) emissions from adipic acid production facilities. Use this page to identify each unit. Then enter Greenhouse gas (GHG) data required by Subpart E for each. For additional information about Subpart E reporting, please use the e-GGRT Help link(s) provided.

**SITE-SPECIFIC METHOD DETAILS**  
 Unit name or ID: AA-1  
 Number of test runs: 0  
 Number of times test runs were repeated:   
 Method used for the performance test:

**TEST RUNS**

Name/ID	N <sub>2</sub> O Concentration (ppm)	Volumetric Flow (dscf/hr)	Delete
+ADD Test Run			

**ABATEMENT TECHNOLOGIES**

Name/ID	Destruction Efficiency	Abatement Utilization Factor	Delete
+ADD Abatement Technology			

Enter the following information in the SITE-SPECIFIC METHOD DETAILS section of the page:

- Number of times test runs were repeated
- Method used for the performance test selected from the following options in the dropdown box:
  - ASTM D6348-03
  - EPA Method 320

When you have finished entering this information, click on SAVE to return to the Subpart E Overview page.

### Step 3. Enter Information on Test Runs

From the Site-Specific Method Details page for the unit, click on the Add Test Run link beneath the TEST RUNS table. This action will take you to the Add /Edit Test Run page, as shown in the next screenshot.

>> Click this link to expand

DR Enterprises - TEST  
Subpart E: Adipic Acid Production (2014)  
Subpart Overview » AA-1 » Add/Edit Test Run

OVERVIEW OF SUBPART E REPORTING REQUIREMENTS  
Subpart E requires affected facilities to report nitrous oxide (N<sub>2</sub>O) emissions from adipic acid production facilities. Use this page to identify each unit. Then enter Greenhouse gas (GHG) data required by Subpart E for each. For additional information about Subpart E reporting, please use the e-GGRT Help link(s) provided.

TEST RUN DETAILS  
Unit name or ID: AA-1

Test Run Name/ID \* (40 characters maximum)

Description (Optional)

N<sub>2</sub>O Concentration (ppm)

Volumetric Flow (dscf/hour)

CANCEL SAVE

DR Enterprises - TEST  
Subpart E: Adipic Acid Production (2014)  
Subpart Overview » AA-1 » Add/Edit Test Run

OVERVIEW OF SUBPART E REPORTING REQUIREMENTS  
Subpart E requires affected facilities to report nitrous oxide (N<sub>2</sub>O) emissions from adipic acid production facilities. Use this page to identify each unit. Then enter Greenhouse gas (GHG) data required by Subpart E for each. For additional information about Subpart E reporting, please use the e-GGRT Help link(s) provided.

TEST RUN DETAILS  
Unit name or ID: AA-1

Test Run Name/ID \* (40 characters maximum)

Description (Optional)

N<sub>2</sub>O Concentration (ppm)

Volumetric Flow (dscf/hour)

CANCEL SAVE

Enter the following information in the TEST RUN DETAILS section of the Add/Edit Test Run page:

- A unique name or identifier for the test run
- An optional description of the test run
- N<sub>2</sub>O Concentration (ppm)
- Volumetric Flow (dscf/hour)

Click SAVE to return to the Site-Specific Method Details page for the unit. Repeat this step for each test run conducted on this unit.

### Step 4. Enter Abatement Technologies Information

From the Site-Specific Method Details page for the unit, click on the ADD Abatement Technology link beneath the ABATEMENT TECHNOLOGIES table. This action will take you to the Add/Edit Abatement Technology page, shown in the next screenshot.

>> Click this link to expand

The screenshot shows the e-GGRT web application interface. At the top, there's a navigation bar with 'HOME', 'FACILITY REGISTRATION', 'FACILITY MANAGEMENT', and 'DATA REPORTING'. The main content area is titled 'DR Enterprises - TEST' and 'Subpart E: Adipic Acid Production (2014)'. It includes an 'OVERVIEW OF SUBPART E REPORTING REQUIREMENTS' section, a 'FACILITY'S INPUTS VERIFIER FILE' section with a 'Save Inputs Data Locally' button, and an 'ABATEMENT TECHNOLOGY DETAILS' section with fields for 'Abatement technology Name/ID', 'Description (Optional)', 'Destruction efficiency (DF)', and 'Abatement utilization factor (AF)'. A red box highlights the 'Abatement utilization factor (AF)' field, and a tooltip indicates 'Use Inputs Verifier to calculate'.

This is a full screenshot of the e-GGRT web application. The header includes the EPA logo and 'United States Environmental Protection Agency'. The navigation bar has 'HOME', 'FACILITY REGISTRATION', 'FACILITY MANAGEMENT', and 'DATA REPORTING'. The user is logged in as 'Richard Richards'. The main content area is titled 'DR Enterprises - TEST' and 'Subpart E: Adipic Acid Production (2014)'. It includes an 'OVERVIEW OF SUBPART E REPORTING REQUIREMENTS' section, a 'FACILITY'S INPUTS VERIFIER FILE' section with a 'Save Inputs Data Locally' button, and an 'ABATEMENT TECHNOLOGY DETAILS' section with fields for 'Unit name/ID', 'Abatement technology Name/ID', 'Description (Optional)', 'Destruction efficiency (DF)', and 'Abatement utilization factor (AF)'. A red box highlights the 'Abatement utilization factor (AF)' field, and a tooltip indicates 'Use Inputs Verifier to calculate'. The footer includes 'Paperwork Reduction Act Burden Statement', 'Contact Us', and 'e-GGRT RY2014.R21 | E-abatement'.

Enter the following information on the Add/Edit Abatement Technology page for the abatement technology:

- A unique name or identifier for the technology
- An optional description of the technology
- Destruction efficiency (DF) entered as a decimal fraction

Do not enter anything for the abatement utilization factor (AF), which will be calculated automatically by the Inputs Verification Tool (IVT) once all of the necessary data has been entered into e-GGRT.

When you have finished entering the abatement technology information for the unit, click SAVE, which will return you to the Site-Specific Method Details page. Repeat this step to add information on any additional abatement technologies used to control emissions from the unit.

Repeat steps 1 through 4 to enter information for any other adipic acid production units operated by the facility. When you are finished, click SAVE to return to the Subpart E Overview page.

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## **See Also**

[Screen Errors](#)

[Using e-GGRT to Prepare Your Subpart E Report](#)

[Subpart E Estimation Methodology](#)

[Subpart E Unit Information for the Site-Specific Emission Factor and Production Data Method](#)

[Subpart E Unit Information for an Administrator-Approved Alternative Method](#)

[Subpart E Summary Information for the Site-Specific Emission Factor and Production Data Method](#)

[Subpart E Summary Information for an Administrator-Approved Alternative Method](#)

[Subpart Validation Report](#)