



Locomotive Management Information System (LMIS) EPA Emissions eLabels User Guide



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Last Updated: November 2024

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Learning about LMIS EPA Emissions eLabels

Locomotive Management Information System (LMIS) is an application that helps users view and manage information about locomotives. EPA Emissions eLabels (or eLabels for short) is an application module within LMIS.

Overview

The eLabels application module enables users to work with digitalized labels for EPA emissions and other locomotive engine data (known as eLabels). It enables users to locate and view locomotive and engine eLabels, create industry reference data (engine families), create locomotive and engine eLabels, associate an engine to a locomotive, and run eLabels reports.

This document describes how to use eLabels through the following major sections:

- [Getting Started](#) describes how to access and log in to the system.
- [Searching eLabels](#) describes how to search locomotive and engine eLabels.
- [Viewing eLabels](#) describes how to view your locomotive and engine eLabels.
- [Working with Engine Families](#) describes how to create and submit EPA emissions information for a new engine family, modify specifications for an existing engine family, and upload a CSV file containing engine family information.
- [Submitting eLabels](#) describes how to create and submit EPA emissions eLabels for freshly manufactured locomotives, remanufactured locomotives, and engines.
- [Associating a Locomotive to an Engine](#) describes how to associate a locomotive to an engine.
- [Associating an Engine to a Locomotive](#) describes how to associate an engine to a locomotive.
- [Deleting and Restoring eLabels](#) describes how to remove and restore eLabels for both locomotives and engines.
- [Using eLabels Reports](#) describes how to view and export a list of labels that match the criteria you specify.
- [Setting Up eLabels Notifications](#) describes how to set up contacts and enable notifications for tasks performed using the eLabels application.

For additional information, contact the Railinc Customer Success Center (see [Accessing the Railinc Customer Success Center](#)).

System Requirements

For information about the system requirements of Railinc web applications and for information about downloading compatible web browsers and file viewers, refer to the [Railinc UI Dictionary](#).

Accessing the Railinc Customer Success Center

The Railinc Customer Success Center provides reliable, timely, and high-level support for Railinc customers. Representatives are available to answer calls and respond to emails from 7:00 a.m. to 7:00 p.m. Eastern time, Monday through Friday, and provide on-call support via pager for all other hours to ensure support 24 hours a day, 7 days a week. Contact us toll-free by phone at 877-RAILINC (1-877-724-5462) or send an email directly to csc@railinc.com.

Getting Started

eLabels uses Railinc Single Sign-On (SSO) to manage permissions. To access SSO, view the Railinc portal at <http://www.railinc.com> and select **Customer Login** at the top right of the page.

Registering to Use Railinc SSO

Each eLabels user must register to use Railinc Single Sign-On (SSO). If you are not already registered, refer to the [Railinc Single Sign-On and Launch Pad User Guide](#) for more information. Once you have completed SSO registration, request access to eLabels within SSO.

Requesting Access to LMIS eLabels

After you receive authorization to use Railinc SSO, you must request access to LMIS eLabels by following instructions in the [Railinc Single Sign-On and Launch Pad User Guide](#).

Your level of access and authorization for LMIS is determined when you request access through Railinc SSO. [Exhibit 1](#) shows a complete list of LMIS roles as seen in SSO.

Exhibit 1. User Roles and Tasks

Role	Description
eLabels Engine Family Creator	Allows users to only create reference data (Engine Families) in eLabels for their certificate holder.
eLabels Government Agency View Only	Allows EPA and other Government Agency users to view certificates in the eLabels application.
eLabels Label Creator	This permission allows manufacturers (certificate holders) to submit all labels.
eLabels Modifier	This permission allows users to modify the reference data (Engine Families) that have already been created in eLabels for their certificate holder.
eLabels Reinstaller	This permission lets re-installers create the remanufactured locomotive and engine labels based on engine families already created by manufacturers.
eLabels View Labels	This permission allows equipment owners/handling carriers the ability to view locomotive labels in the eLabels application.
LMIS Company Admin	This role enables users to grant mark permissions. Note: Either eLabels Label Creator, eLabels Reinstaller, or eLabels Modifier permission is also needed to use eLabels.
LMIS Foreign Repair Auth Admin	This role enables users to provide handling roads permissions to Grant Handling Road Foreign Repair Authorization by Job Code.
LMIS Subsystem Health Admin	This role enables LMIS Health and Status users to submit Subsystem Health Reports.

Role	Description
LMIS User	This role enables LMIS Health and Status users to view Umler Characteristics, Federal Inspection Status, Subsystem Health Status, Foreign Repair Authorizations, and the User Guide. Users must request access under the mark that they represent.
Railroad OTMA Generic Access	This role enables LMIS OTMA users to have read only access to the OTMA Application and to view Locomotive OTMAs as a Railroad.
Railroad OTMA Requestor	This role enables LMIS OTMA users to access the OTMA Application and submit Locomotive OTMAs as a Railroad.

Important Information about LMIS eLabels Roles

For Manufacturers:

- Users must have the eLabels Engine Family Creator role to create an engine family.
- Users must have the eLabels Modifier role to modify engine families.
- Users must have the eLabels Label Creator role to create a freshly manufactured locomotive. Will also have the ability to create remanufactured labels and engine labels.
- Users must have the eLabels Reinstaller role to create a remanufactured label. Will also have the ability to create locomotive and engine labels.
- Users must have the eLabels Label Creator or eLabels Reinstaller role to delete and restore locomotive and engine labels.

For Railroads and Equipment Owners:

- Road and Equipment users will have ability to view labels on the equipment they own.
- Users must have the eLabels View Labels role where a mark will be required.
- Users will be able to view labels based on mark permissions.
- eLabels View Labels users will be able to see all engine and locomotives labels created to associate to their equipment. Will also be able to view deleted engine and locomotive labels.

Your assigned user role determines what functions you can perform. User roles are assigned by Railinc through the Single Sign-On interface ([Exhibit 2](#)).

Exhibit 2. LMIS Request Permission

Locomotive Management Information System

LMIS is a window into the 4 sub-applications (depending on a user's access): EPA Emissions eLabels, FRA OTMA Tool, Health and Status, and Horsepower Hour Reconciliation and Fuel Equalization

1

Select Roles

2

Confirm

3

Done

☐ eLabels Engine Family Creator

This permission allows users to only create reference data (Engine Families) in eLabels for their certificate holder.

☐ eLabels Government Agency View Only

The role for Government Agency users to view all labels in the eLabels application.

☐ eLabels Label Creator

This permission allows manufacturers (certificate holders) to create original emissions labels.

☐ eLabels Modifier

This permission allows users to modify the reference data (Engine Families) that have already been created in eLabels for their certificate holder

☐ eLabels Reinstaller

This permission lets re-installers create the remanufactured locomotive and engine labels based on engine families already created by manufactures

☐ eLabels View Labels (MARK required)

This permission allows equipment owners/handling carriers the ability to view locomotive labels for their equipment.

☐ LMIS Company Admin (MARK required)

Allows the user to grant mark permissions

☐ LMIS Foreign Repair Auth Admin (MARK required)

Allows the user to provide handling roads permission to Grant Handling Road Foreign Repair Authorizations by Job Code

☐ LMIS Subsystem Health Admin (MARK required)

Allows the user to submit Subsystem Health Reports

☐ LMIS User (MARK required)

Allows the user to view Umler Characteristics, Federal Inspection Status, Subsystem Health Status, Foreign Repair Authorizations, and the User

☐ Railroad OTMA Generic Access (MARK required)

Users with this role will have read only access to the OTMA Application and can view Locomotive OTMAs as a RR

☐ Railroad OTMA Requestor (MARK required)

Users with this role will have access to the OTMA Application and can submit Locomotive OTMAs as a Railroad

Comments

0/255

Return

Next

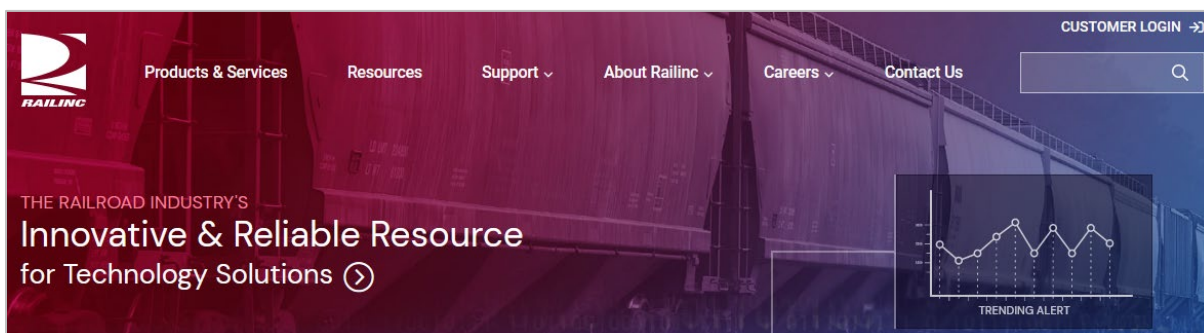
Choose your role(s) and enter the mark for your railroad. Select **Next** to proceed. Once you receive email notification of access, you can log on and begin using eLabels.

Logging In

Use the following procedure to log into eLabels:

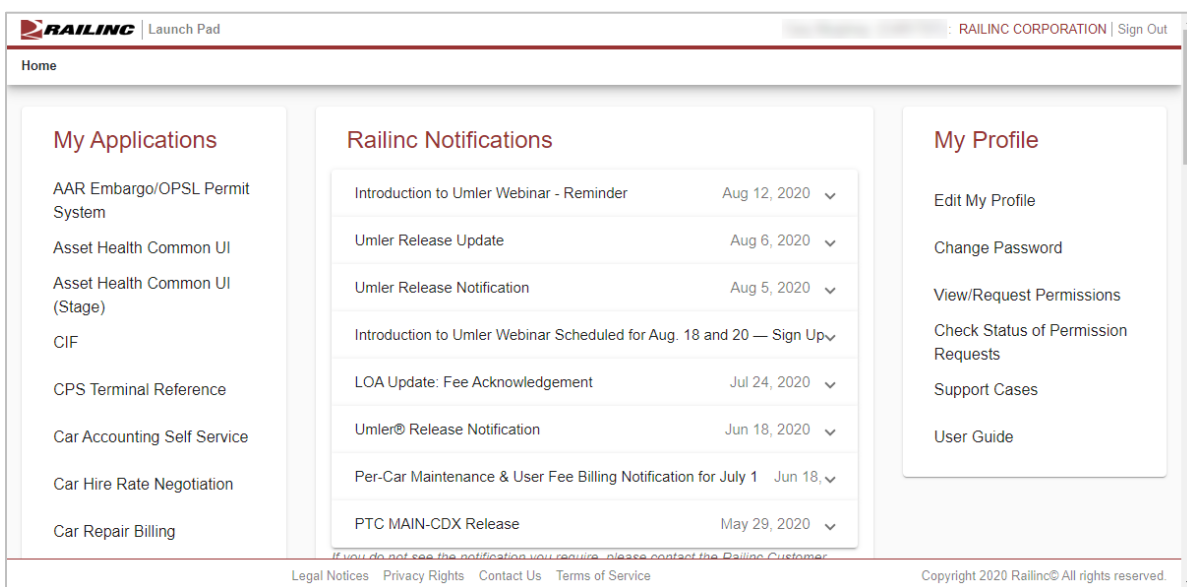
1. Open your internet browser.
2. Enter the following URL: <http://www.railinc.com>. The Railinc website is displayed.

Exhibit 3. Railinc Website



3. Select **Customer Login** at the top right. The Railinc Account Access panel is displayed.
4. In the Account Access panel, enter your **User ID** and **Password**. Select **Sign In**. The Railinc Launch Pad is displayed ([Exhibit 4](#)).

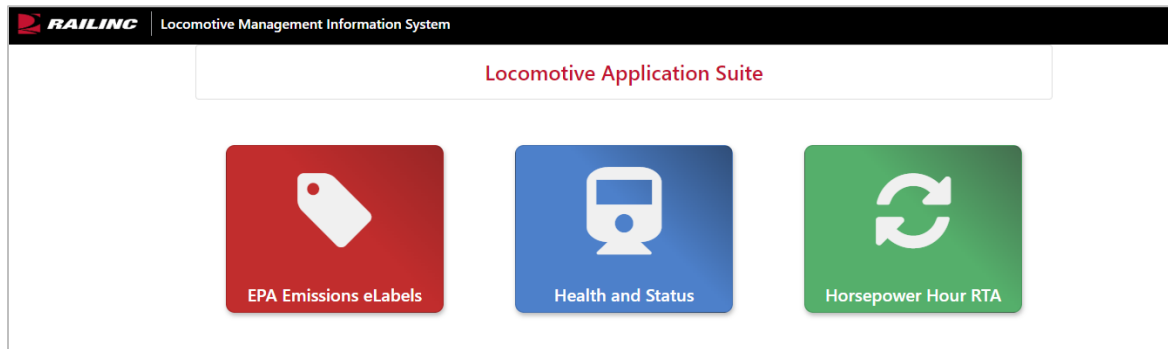
Exhibit 4. Railinc Launch Pad



- Under **My Applications**, select **Locomotive Management Information System** (you may need to scroll down). The Locomotive Application Suite page is displayed ([Exhibit 5](#)).

Note: If you only have permission for one LMIS application module, the Locomotive Application Suite page is bypassed, and you proceed directly to the application module for which you have access.

Exhibit 5. Locomotive Application Suite Page



- Select the **EPA Emissions eLabels** icon. The LMIS EPA Emissions eLabels Home page is displayed.

Exhibit 6. LMIS EPA Emissions eLabels Home Page

eLabels has a menu bar that contains the following options:

Home	Returns to the Home page, provides a form for Searching eLabels.
My Labels	View a list of your eLabels (see Viewing eLabels).
Reports	Access the Reports page (see Using eLabels Reports).
Admin	Restore deleted eLabels (see Deleting and Restoring eLabels).
Resources	View documentation and add manufacturer contacts (see Setting Up eLabels Notifications).

Logging Out

Select the **Sign Out** link to end an eLabels session.

Searching eLabels

From the Home page, the eLabel Search is displayed where you can search for your railroad's locomotive and engine labels ([Exhibit 6](#)).

1. Select the **Label Type**. The other fields in the form are dependent on the type that is selected. More search fields are available for **Locomotive** than for **Engine**.
2. Enter any other search criteria or none at all and select **Submit**.
3. The search results appear in the table below your search criteria. Use the scroll bar and arrow buttons in the bottom right to view all the data available.
4. Use the down arrow in the top right to open/close the search criteria, and the arrow in the top right of the table to open/close the search results.

Viewing eLabels

The eLabels application module enables you to view both [locomotive](#) and [engine only](#) eLabels.

Viewing Locomotive eLabels

From the main menu, select **My Labels** to view a table listing your railroad's locomotive and engine labels. The Locomotive tab is displayed by default.

Exhibit 7. My Labels - Locomotive Tab

EPA Emissions eLabels									
My Labels									
Locomotive Engine Only									
View	Equipment ID	Serial Number	Engine Family	Tier	Configuration ID	Date of Original Manufacture	Submitted On	Submitted By	Delete
	BNSF1234	SER233	HD1234567890	2	123456C1	2024-05-14	2024-05-17	TSTDEWAN	<input type="checkbox"/>
	BNSF5678	SER4567	BN1200001234	1	CN3456	2024-05-16	2024-05-17	HDOTMTST	<input type="checkbox"/>
	BNSF2345	SER2345	BN1200001234	1	CN3456	2024-05-14	2024-05-17	HDOTMTST	<input type="checkbox"/>
	CI123	123	ASFDSJFSLKJD	1	234r	2024-05-16	2024-05-16	VVSTEST	<input type="checkbox"/>
	RAIL73	12345678910	ASFDSJFSLKJD	1	234r	2024-03-21	2024-03-22	B5HXC01	<input type="checkbox"/>
	RAIL450	45	ASFDSJFSLKJD	1	234r	2023-07-04	2023-07-17	BSDXM04	<input type="checkbox"/>
	NS1002	13F	WQERQF424DEA	4	53975IAYB	2005-07-19	2022-11-07	BSDXM04	<input type="checkbox"/>
	KCS147	BGGFD	9RALG560_UWY	3	df4433	2022-11-06	2022-11-07	VIKQAPP	<input type="checkbox"/>
	RAIL516	R0284	TYU53058+DNA	2+	dcaar35	2011-09-12	2022-11-07	BSDXM04	<input type="checkbox"/>
	RAIL519	Q947186Q	9RALG560_UWY	3	df4433	2009-06-03	2022-11-07	BSDXM04	<input type="checkbox"/>
	RAIL103	5642GT	TYU53058+DNA	2+	dcaar35	2022-11-02	2022-11-04	BSDXM04	<input type="checkbox"/>

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The Locomotive tab contains the following fields:

Equipment ID	The equipment ID of the locomotive.
Serial Number	The serial number of the locomotive.
Engine Family	The engine family of the locomotive.
Tier	The tier of the engine family.
Configuration ID	The configuration ID of the locomotive.
Date of Original Manufacture	The original date of manufacture of the locomotive in year/month/day format.
Submitted On	The date on which the locomotive information was submitted to eLabels.
Submitted By	The Railinc user ID that submitted the locomotive information to eLabels.

Delete

When the **Enable Delete** button is toggled on, one or more eLabels can be selected for deletion by clicking inside the checkbox(es).

The **Search** field at the top right enables you to search for specific equipment ID(s) or a range of equipment IDs. Simply enter an equipment ID or range and select Enter or the search icon (🔍).

Only users with Label Creator or Reinstaller permissions can select the **Enable Deletion** toggle switch to turn on the ability to select and delete Locomotive eLabels. Users with view only or government agency roles will not be able to delete eLabels. See Deleting Locomotive or Engine eLabels for details.

You can sort any column by selecting the header in that column. You can also filter any column by moving your mouse into the header and selecting the filter icon (≡) to the right of the column header.

In addition, you can select the view icon (🔍) in any row to view the eLabel page for the equipment listed in that row.

The Locomotive eLabel page contains the full view of the locomotive label information.

Exhibit 8. Locomotive eLabel

RAIL211

WABTEC CORPORATION

Locomotive
Original Locomotive Emission Control Information

Engine Family: 3WABK500_TEC

THIS ENGINE FAMILY HAS BEEN CERTIFIED AS CONFORMING TO EPA TIER 1 EMISSION STANDARDS

Serial Number 78u-3	Date Of Manufacture 02/01/2003	Configuration ID 98-S3Wabtec
Remanufactured Date 06/01/2021		

Emissions

Line Haul (g/bhp-hr)	Switch (g/bhp-hr)	Maintenance Instructions
NOx: 7.4 PM: 0.22 HC: 0.55 CO: 2.2	NOx: 11 PM: 0.26 HC: 1.2 CO: 2.5	

THIS LOCOMOTIVE MUST COMPLY WITH THESE EMISSION LEVELS EACH TIME THAT IT IS REMANUFACTURED, EXCEPT AS ALLOWED BY 40 CFR 1033.750. THIS LOCOMOTIVE MUST BE MAINTAINED PER THE PROCEDURE AND MATERIALS DOCUMENTED IN THE OPERATORS, OWNERS, SERVICE MANUAL, AND THE EMISSIONS-RELATED MAINTENANCE & ASSEMBLY INSTRUCTIONS. ALL WARRANTIES AND GUARANTEES ARE DEFINED IN THE OWNERS CONTRACT.

Associate to Engine

Print **Cancel**

Viewing eLabels

If you have the eLabels Label Creator or eLabels Reinstaller role, you can select the **Associate to Engine** button at the bottom to associate this locomotive with an engine. See [Associating a Locomotive to an Engine](#) for more information.

Select the **Print** button at the bottom right to print a copy of the label.

Once you have finished viewing the Locomotive eLabel page, select the **Cancel** button to return to the My Labels page.

Viewing Engine Only eLabels

From the main menu select **My Labels**, then select the **Engine Only** tab to view engine information.

Exhibit 9. My Labels - Engine Only Tab

EPA Emissions eLabels

My Labels

Requires 12 Alphanumeric Characters

LocomotiveEngine Only

Enable DeletionDelete

View	Serial Number	Engine Family	Tier	Configuration ID	Submitted On	Submitted By	Delete
	8831766	YU87RAL_REUW	4	Cfg-099	2021-12-29	BSDXM04	<input type="checkbox"/>
	82713	YU87RAL_REUW	4	Cfg-099	2021-12-29	BSDXM04	<input type="checkbox"/>
	98244	YU87RAL_REUW	4	Cfg-099	2021-12-29	BSDXM04	<input type="checkbox"/>
	998-2	3REL6657_RL3	4	CFG-9132	2021-12-08	BSDXM04	<input type="checkbox"/>
	98321	0HGYG880_7UP	4	C529-2	2021-12-08	DXMOSS	<input type="checkbox"/>
	97458952	MGETK0668T1A	1+	Tier1pFDLB	2021-12-07	JACOBZIM	<input type="checkbox"/>
	RAIL42-1	1RALK0755STEP	2+	T8909	2021-12-06	DMOSS1	<input type="checkbox"/>
	174325	MGETK0668T1B	1+	Tier1FDLAG	2021-12-02	JACOBZIM	<input type="checkbox"/>
	12345678	EMD123456789	3	Config ID test 1	2021-11-30	NAGESHSM	<input type="checkbox"/>
	E-1	2CMMG540_S5J	2+	CFG-134	2021-10-27	DXMOSS	<input type="checkbox"/>
	II-111	KRTCK750_COR	2+	GG-123	2021-10-25	BSDXM04	<input type="checkbox"/>

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The Engine Only tab contains the following fields:

- Serial Number** The serial number of the engine.
- Engine Family** The engine family of the engine.
- Tier** The tier of the engine family.
- Configuration ID** The configuration ID of the engine.
- Submitted On** The date on which the engine information was submitted to eLabels.
- Submitted By** The Railinc user ID that submitted the engine information to eLabels.

Delete

When the **Enable Delete** button is toggled on, one or more eLabels can be selected for deletion by clicking inside the checkbox(es).

The **Search** field at the top right enables you to search for specific equipment ID(s) or a range of equipment IDs. Simply enter an equipment ID or range and select Enter or the search icon (🔍).

If you have the eLabels Label Creator or the eLabels Reinstaller role, you can select the **Enable Deletion** toggle switch to turn on the ability to select and delete engine eLabels. Users with view only or government agency roles will not be able to delete eLabels. See [Deleting Locomotive or Engine eLabels](#) for details.

You can sort any column by selecting the header in that column. You can also filter any column by moving your mouse into the header and selecting the filter icon (≡) to the right of the column header.

In addition, you can select the view icon (🔍) in any row to view the eLabel for the equipment listed in that row ([Exhibit 8](#)).

The Engine eLabel page contains the full view of the engine label information.

Exhibit 10. Engine eLabel

The screenshot displays the 'Engine eLabel' page. At the top, it says 'Engine' and 'Engine Emission Control Information'. Below that, it shows 'Engine Family: 1RALK0755TEP'. A statement reads: 'THIS LOCOMOTIVE CONFORMS TO U.S EPA REGULATIONS APPLICABLE TO TIER 2 + LOCOMOTIVES'. The 'Serial Number' is 'Rail42-1' and the 'Configuration ID' is 'T8909'. A line states: 'LOCOMOTIVE USEFUL LIFE PER 40 CFR PART 1033 IS 10 YEARS OR 750000 MILES.' Under the 'Emissions' section, there are two boxes: 'Line Haul (g/bhp-hr)' and 'Switch (g/bhp-hr)'. The 'Line Haul' box shows NOx: 5.5 PM: 0.05, HC: 0.3 CO: 10. The 'Switch' box shows NOx: 8.1 PM: 0.065, HC: 0.6 CO: 10. To the right of these is a box for 'Maintenance Instructions'. At the bottom, there is a blue button labeled 'Associate to Locomotive'. In the bottom right corner, there are 'Print' and 'Cancel' buttons.

Engine
Engine Emission Control Information

Engine Family: 1RALK0755TEP

THIS LOCOMOTIVE CONFORMS TO U.S EPA REGULATIONS APPLICABLE TO TIER 2 + LOCOMOTIVES

Serial Number
Rail42-1

Configuration ID
T8909

LOCOMOTIVE USEFUL LIFE PER 40 CFR PART 1033 IS 10 YEARS OR 750000 MILES.

Emissions

Line Haul (g/bhp-hr)	Switch (g/bhp-hr)
NOx: 5.5 PM: 0.05	NOx: 8.1 PM: 0.065
HC: 0.3 CO: 10	HC: 0.6 CO: 10

Maintenance Instructions

THIS LOCOMOTIVE MUST COMPLY WITH THESE EMISSION LEVELS EACH TIME THAT IT IS REMANUFACTURED, EXCEPT AS ALLOWED BY 40 CFR 1033.750. THIS ENGINE MUST BE MAINTAINED PER THE PROCEDURE AND MATERIALS DOCUMENTED IN THE OPERATORS, OWNERS, SERVICE MANUAL, AND THE EMISSIONS-RELATED MAINTENANCE & ASSEMBLY INSTRUCTIONS. ALL WARRANTIES AND GUARANTEES ARE DEFINED IN THE OWNERS CONTRACT.

Associate to Locomotive

Print Cancel

If you have the eLabels Label Creator or eLabels Reinstaller role, you can select the **Associate to Locomotive** button at the bottom to associate this engine with a locomotive (see [Associating an Engine to a Locomotive](#) for more information).

Viewing eLabels

You can select the **Print** button at the bottom right to print a copy of the label.

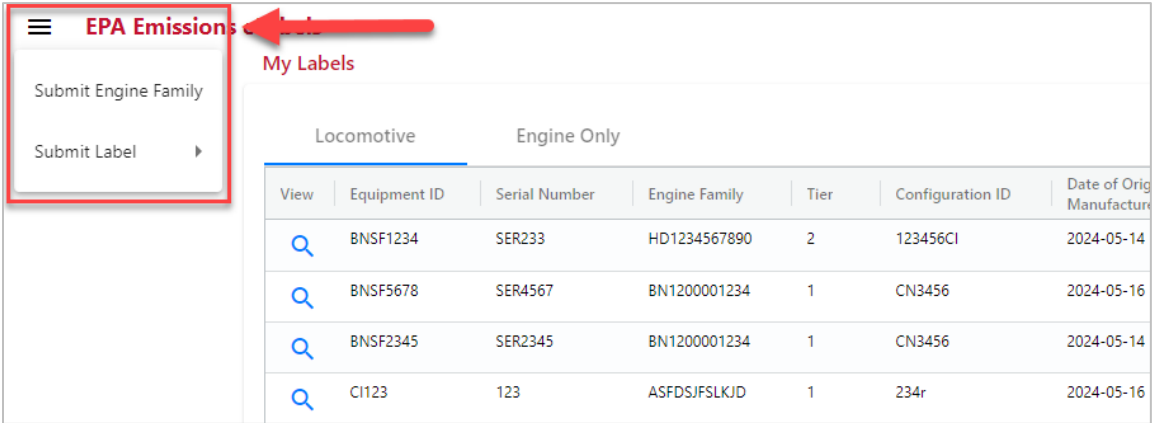
Once you have finished viewing the Engine eLabel page, select the **Cancel** button to return to the My Labels page.

Working with Engine Families

An engine family is a 12-character code used to identify a group of engines for certification or compliance purposes. EPA eLabels enables users to submit a new engine family, modify an existing engine family, and upload a CSV file containing engine family information.

To access these functions, select the menu icon (≡) at the top left of the eLabels page and then select **Submit Engine Family**.

Exhibit 11. Submit Engine Family Menu Item



See the following sections for more information:

- [Submitting an Engine Family](#)
- [Modifying an Engine Family](#)
- [Uploading a CSV File Containing Engine Family Information](#)

Submitting an Engine Family

If you have the appropriate permissions (see [Requesting Access to LMIS eLabels](#)), you can create and submit EPA Emissions information for an engine family. The emissions prefill to EPA standards according to 40 CFR 1033.101 once you select the locomotive type and tier.

Use the following procedure to create an engine family:

1. Select the menu icon (≡) at the top left of the eLabels Home page ([Exhibit 11](#)).
2. Select **Submit Engine Family**. The Submit Engine Family Information page is displayed.

Exhibit 12. Submit Engine Family Information

Submit Engine Family Information

REQUIRED BY 40 CFR 1033.101 EXHAUST EMISSION STANDARDS. THIS INFORMATION WILL BE ACCESSIBLE BY FEDERAL REGULATORS

☐ Use Family Emission Limits

Engine Family *

FERR1234TEST

☐ Use Alternate CO Standards

Certificate Holder *

RAILINC CORPORATION

Locomotive Type *

Line Haul

Locomotive Model #

1-50 Characters

Configuration ID *

1234

Tier *

Tier1+

Engine Model #

1-50 Characters

Locomotive Maintenance Instructions

1-50 Characters

Engine Maintenance Instructions

1-50 Characters

Useful Life

At least 2 of the 3 Useful Life fields must be populated.

Megawatt Hours

300

Years

1

Miles

1-7 Numeric

Emissions

Line Haul

NOx *

7.4

PM *

0.22

HC

0.55

CO

2.2

Switch

NOx *

11

PM *

0.26

HC

1.2

CO

2.5

Submit

Clear

Modify Engine Family

Upload File

The Submit Engine Family Information page contains the following fields:

Required fields are followed with an asterisk (*).

Engine Family*	A 12-character code that identifies all parts of a particular locomotive or engine. A single Engine Family can be associated with different Locomotive Types, Model Numbers, Configuration IDs and Tiers by selecting Submit > Create New Record (not modifying the existing record).
Use Family Emission Limits	A toggle switch that, when turned on, allows the emission level declared by the manufacturer/remanufacturer to serve in place of an otherwise applicable emission standard under the ABT program in subpart H of this 1033.101. When this toggle switch is used, you must enter the NOx and PM values yourself.
Use Alternate CO Standards	A toggle switch that, when turned on, utilizes alternate CO standards as described in 40 CFR 1033.101 subpart i.
Certificate Holder*	Identifies the company associated with the logged on user ID.
Locomotive Type*	A drop-down list field that enables you to select a locomotive type of Line Haul or Switch. A single Engine Family can have records for Switch and Line Haul.
Locomotive Model #	A 1 to 50-character field that indicates the model number of the locomotive. A single Engine Family can be associated with more than one Locomotive Model Number.
Configuration ID*	A 1 to 25-character field given by the EPA on the certificate. A single Engine Family can be associated with different Configuration IDs.
Tier*	A drop-down list field that enables you to select the tier of the engine family. Valid values include Tier0, Tier0+, Tier1, Tier1+, Tier2, Tier2+, Tier3, and Tier4. The Emissions fields shown vary depending on which tier is selected. A single Engine Family can be associated with various tiers.
Engine Model #	A 1 to 50-character field that indicates the model number of the engine. A single Engine Family can be associated with more than one Engine Model Number.
Locomotive Maintenance Instructions	A 1 to 50-character field identifying locomotive maintenance instructions.
Engine Maintenance Instructions	A 1 to 50-character field identifying engine maintenance instructions.

Useful Life

Two of the three fields must be provided.

Megawatt Hours	A 1 to 7-numeric field that indicates the period during which an engine is required to comply with all applicable emission standards.
Years	A 1 to 2-numeric field that indicates the period during which an engine is required to comply with all applicable emission standards.
Miles	A 1 to 7-numeric field that indicates the period during which an engine is required to comply with all applicable emission standards.

Emissions

Fields vary depending on the tier selected. Emissions are measured in g/bhp-hr.

Line Haul

NOx*	A 1 to 7-numeric field that indicates the maximum oxides of nitrogen (NOx) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
PM*	<p>A 1 to 7-numeric field that indicates the maximum particulate matter (PM) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.</p> <p>When Use Family Emission Limits and Use Alternate CO Standards are <u>both</u> toggled on, the Line Haul PM field is populated, but users have the ability to adjust the PM emission value. When Use Family Emission Limits, Use Alternate CO Standards, and Use NOx+HC (only for tier 4) are selected, the Line Haul PM value is populated, but users have ability to change the PM emission value.</p>
HC	A 1 to 7-numeric field that indicates the maximum hydrocarbon (HC) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
CO	A 1 to 7-numeric field that indicates the maximum carbon monoxide (CO) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.

Switch

NOx*	A 1 to 7-numeric field that indicates the maximum oxides of nitrogen (NOx) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
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PM*	A 1 to 7-numeric field that indicates the maximum particulate matter (PM) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
HC	A 1 to 7-numeric field that indicates the maximum hydrocarbon (HC) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
CO	A 1 to 7-numeric field that indicates the maximum carbon monoxide (CO) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
Use NOx + HC	A toggle switch, only displayed when Tier4 is selected, that allows manufacturers/remanufacturers to use credits accumulated through the ABT program to certify Tier 4 locomotives to an alternate NOX + HC emission standard of 1.4 g/bhp-hr (instead of the otherwise applicable NOX and NMHC standards) per 40 CFR 1033.101 subpart j.

3. Once you have entered all the required fields:
 - a. If you want to modify an existing record for an existing engine family, select **Modify Engine Family**, or select **Submit > Continue** to save your updates. See [Modifying an Engine Family](#) for details.
 - b. If you want to create a new record or create an additional record that associates an existing single Engine Family with a different Locomotive Type, Model Number, Configuration ID and/or Tier, select **Submit > Create New Record**. New records are added and available for use when submitting labels.

Exhibit 13. Submit Action Buttons

Engine Family already exists with same name, choose **Continue** to modify current Engine Family records or choose **Create new record** to create new record with same name or choose **Cancel** to return to the submit Engine Family Information page.

Cancel
Create new record
Continue

4. A success message is displayed, and an email notification will be sent to confirm the engine family has been created or updated.

Notes:

- If you have the appropriate permissions (see [Requesting Access to LMIS eLabels](#)), you can modify EPA Emissions information for an engine family. See [Modifying an Engine Family](#) for more information.
- Users with the appropriate permissions can also upload a CSV file containing Engine Family information. See [Uploading a CSV File Containing Engine Family Information](#) for more information.

Modifying an Engine Family

If you have the eLabels Modifier role (see [Requesting Access to LMIS eLabels](#)), you can modify the specifications of an existing engine family.

Use the following procedure to modify an engine family:

1. View an engine family as described in [Submitting an Engine Family](#).
2. Select the **Modify Engine Family** button at the bottom of the page. The Select Engine Family to Modify pop-up is displayed.

Exhibit 14. Select Engine Family to Modify

3. Select the engine family you want to modify, and then select **Modify**.
4. If more than one record exists for the Engine Family selected, the Engine Family Information pop-up allows you to select the appropriate Engine Family to modify.

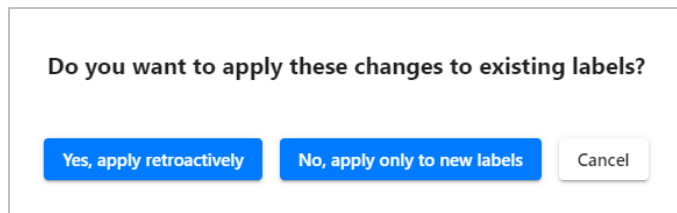
Exhibit 15. Select Engine Family Record

Engine Family	Certificate Holder	Locomotive Type	Configuration ID	Tier	Locomotive Model #	Engine Model #	Select
FERR1234TEST	RAILINC CORPORATION	Line Haul	1234	1			<input type="checkbox"/>
FERR1234TEST	RAILINC CORPORATION	Line Haul	1234	2			<input type="checkbox"/>

- a. Select the checkbox in the **Select** column on the right to select the record to modify.
5. The Engine Family page is populated with the existing engine family information.
 6. Complete and/or update the necessary fields.

7. Select **Submit**. Confirm how you want to apply the changes, either **Yes, apply retroactively** to existing labels or **No, apply only to new labels**.

Exhibit 16. Submit and Confirm Application



A dialog box with a light gray border. At the top, it asks "Do you want to apply these changes to existing labels?". Below the text are three buttons: "Yes, apply retroactively" (blue), "No, apply only to new labels" (blue), and "Cancel" (light gray).

8. A success message is displayed, and an email notification will be sent to confirm the engine family has been updated.

Uploading a CSV File Containing Engine Family Information

If you have the eLabels Label Creator role (see [Requesting Access to LMIS eLabels](#)), you can upload a CSV file containing engine family information.

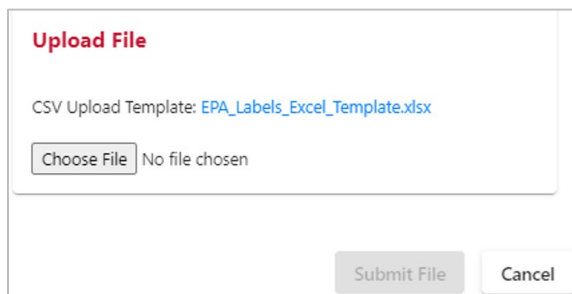
Use the following procedure to upload a CSV file containing engine family information:

1. View an engine family as described in [Submitting an Engine Family](#).

The Submit Engine Family Information page is displayed ([Exhibit 12](#)).

2. Select the **Upload File** button at the bottom right of the Submit Engine Family Information page. The Upload File pop-up is displayed.

Exhibit 17. Upload File Pop-up



A pop-up dialog box titled "Upload File" in red. It contains a link "CSV Upload Template: EPA_Labels_Excel_Template.xlsx". Below the link is a "Choose File" button and the text "No file chosen". At the bottom right are "Submit File" and "Cancel" buttons.

3. Select **Choose File** to select the file containing engine family information that you want to upload.

Note: You can download a template to use to create an upload file by selecting the **EPA Labels Excel Template.xlsx** file link in this pop-up.

4. Once you have located the file to upload, select **Submit File**. A success message is displayed. The uploaded engine families are available for creating locomotive and engine labels.

Submitting eLabels

An engine family must exist in the eLabels application module before you can create and submit eLabels that utilize that engine family. You can create and submit eLabels as described in the following sections:

- [Submitting an eLabel for a Freshly Manufactured Locomotive](#)
- [Submitting an eLabel for a Remanufactured Locomotive](#)
- [Submitting an eLabel for an Engine](#)

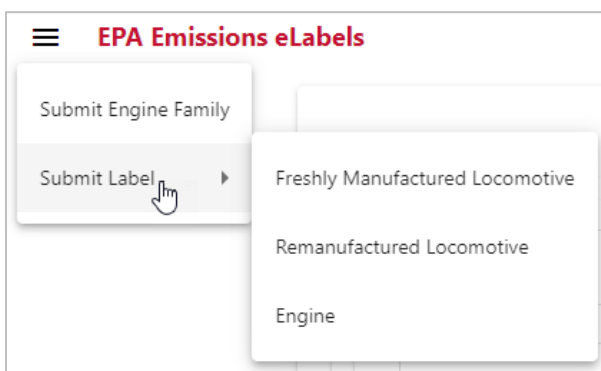
Submitting an eLabel for a Freshly Manufactured Locomotive

If you have the appropriate permissions (see [Requesting Access to LMIS eLabels](#)), you can create and submit EPA Emissions eLabels for a freshly manufactured locomotive.

Use the following procedure to create an eLabel for a freshly manufactured locomotive:

1. Select the menu icon (≡) at the top left of the eLabels page.

Exhibit 18. eLabels Submit Label Menu



2. Select **Submit Label** and then select **Freshly Manufactured Locomotive**. The Submit Freshly Manufactured Locomotive Label Information page is displayed ([Exhibit 19](#)).

Exhibit 19. Submit Freshly Manufactured Locomotive Label Information

Submit Engine Label Information

REQUIRED BY 40 CFR 1033.101 EXHAUST EMISSION STANDARDS. THIS INFORMATION WILL BE ACCESSIBLE BY FEDERAL REGULATORS

Engine Family *

Tier Type

Engine

Certificate Holder *

Serial Number *

1-25 Characters

Model Number

1-50 Characters

Date of Original Manufacture

Kit Part/Drawing Number

1-25 Characters

Configuration ID *

1-25 Characters

Emissions

Line Haul

NOx *

1-7 Numeric

HC *

1-7 Numeric

PM *

1-7 Numeric

CO *

1-7 Numeric

Switch

NOx *

1-7 Numeric

HC *

1-7 Numeric

PM *

1-7 Numeric

CO *

1-7 Numeric

Useful Life:

Megawatt Hours

1-7 Numeric

Years

1-2 Numeric

Miles

1-7 Numeric

Maintenance Instructions

1-50 Characters

Submit

Clear

The Submit Freshly Manufactured Locomotive Label Information page contains the following fields:

Required fields are marked with an asterisk (*).

Engine Family*

A 12-character A 12-character code that identifies all parts of a particular locomotive or engine.

Note: Once you select an existing engine family, the Tier Type, all of the Emissions fields, the Certificate Holder, the Model Number, Configuration ID, and the Maintenance Instructions fields are populated with information from the engine family.

Tier Type Indicates the tier type of the engine family. Valid values include Tier0, Tier0+, Tier1, Tier1+, Tier2, Tier2+, Tier3, and Tier4. The Emissions fields shown vary depending on which tier is selected.

Locomotive

Certificate Holder*	Identifies the company associated with the logged on user ID.
Serial Number*	A 1 to 25-character field that indicates a unique identifier for the locomotive.
Model Number	A 1 to 50-character field that indicates the model number of the locomotive.
Date of Original Manufacture*	A calendar field that enables you to select the date on which the locomotive was originally manufactured.
Kit Part/Drawing Number	A 1 to 25-character field that indicates a manufacturer specific code that can be used to identify the equipment.
Configuration ID*	A 1 to 25-character field given by the EPA on the certificate.
Locomotive Type	A drop-down list field that indicates whether the locomotive type is Line Haul or Switch.
Road Mark*	A 2 to 4-character field that indicates the road mark of the locomotive.
Equipment ID*	A 1 to 10-numeric field that indicates the equipment ID of the locomotive.
Weight	A 1 to 6-numeric field indicating the weight of the locomotive in pounds.
Brake Horsepower Rating	A 1 to 5-numeric field indicating the brake horsepower (bhp) rating of the locomotive.
Maintenance Instructions	A 1 to 50-character field identifying locomotive maintenance instructions.
Place of Manufacture	A drop-down list field that indicates whether the locomotive was manufactured in Canada, USA, or Mexico.

Emissions

These fields vary depending on which tier is selected and are measured in g/bhp-hr.

Line Haul

NOx*	A 1 to 7-numeric field that indicates the maximum oxides of nitrogen (NOx) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
PM*	A 1 to 7-numeric field that indicates the maximum particulate matter (PM) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
HC	A 1 to 7-numeric field that indicates the maximum hydrocarbon (HC) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
CO	A 1 to 7-numeric field that indicates the maximum carbon monoxide (CO) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.

Switch

NOx*	A 1 to 7-numeric field that indicates the maximum oxides of nitrogen (NOx) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
PM*	A 1 to 7-numeric field that indicates the maximum particulate matter (PM) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
HC	A 1 to 7-numeric field that indicates the maximum hydrocarbon (HC) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
CO	A 1 to 7-numeric field that indicates the maximum carbon monoxide (CO) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.

Use NOx + HC

A toggle switch, only displayed when Tier4 is selected, that allows manufacturers/remanufacturers to use credits accumulated through the ABT program to certify Tier 4 locomotives to an alternate NOX + HC emission standard of 1.4 g/bhp-hr (instead of the otherwise applicable NOX and NMHC standards) per 40 CFR 1033.101 subpart j.

3. Select the **Engine Family** from the drop-down list. When more than one record exists for the Engine Family selected, the Engine Family Information pop-up is displayed. Choose the appropriate record from by selecting a checkbox (shown in [Exhibit 15](#)).
4. Complete the fields as needed and select **Submit**. The All Finished Pop-up message appears.
5. Select **Confirm** to verify that the information entered is accurate and that you want to submit the label data. The new locomotive eLabel is added.

Submitting an eLabel for a Remanufactured Locomotive

If you have the appropriate permissions (see [Requesting Access to LMIS eLabels](#)), you can create and submit EPA Emissions eLabels for a remanufactured locomotive.

Use the following procedure to create an eLabel for a remanufactured locomotive:

1. Select the menu icon (≡) at the top left of the eLabels page as shown in [Exhibit 18](#).
2. Select **Submit Label** and then select **Remanufactured Locomotive**. The Submit Remanufactured Locomotive Label Information page is displayed.

Exhibit 20. Submit Remanufactured Locomotive Label Information

Submit Remanufactured Locomotive Label Information

REQUIRED BY 40 CFR 1033.101 EXHAUST EMISSION STANDARDS. THIS INFORMATION WILL BE ACCESSIBLE BY FEDERAL REGULATORS

Engine Family *

Tier Type

Locomotive

Certificate Holder *

Model Number

1-50 Characters

Kit Part/Drawing Number

1-25 Characters

Locomotive Type

Road Mark *

2-4 Characters

Maintenance Instructions

1-50 Characters

Remanufactured Date *

Serial Number *

1-25 Characters

Date of Original Manufacture *

Configuration ID *

1-25 Characters

Equipment ID *

1-10 Numeric

Brake Horsepower Rating

1-5 Numeric bhp

Place Of Manufacture

Date of Last Emissions Kit

Submit

Clear

The Submit Remanufactured Locomotive Label Information page contains the following fields:

Required fields are marked with an asterisk (*).

Engine Family*	<p>A 12-character code that identifies all parts of a particular locomotive or engine.</p> <p>Note: Once you select an existing engine family, the Tier Type, all of the Emissions fields, the Certificate Holder, the Model Number, Configuration ID, and the Maintenance Instructions fields are populated with information from the engine family.</p>
Tier Type	<p>Indicates the tier type of the engine family. Valid values include Tier0, Tier0+, Tier1, Tier1+, Tier2, Tier2+, Tier3, and Tier4. The Emissions fields shown vary depending on which tier is selected.</p>

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Locomotive	
Certificate Holder*	Identifies the company associated with the logged on user ID.
Serial Number*	A 1 to 25-character field that indicates a unique identifier for the locomotive.
Model Number	A 1 to 50-character field that indicates the model number of the locomotive.
Date of Original Manufacture*	A calendar field that enables you to select the date on which the locomotive was originally manufactured.
Kit Part/Drawing Number	A 1 to 25-character field that indicates a manufacturer specific code that can be used to identify the equipment.
Configuration ID*	A 1 to 25-character field given by the EPA on the certificate.
Locomotive Type	A drop-down list field that indicates whether the locomotive type is Line Haul or Switch.
Road Mark*	A 2 to 4-character field that indicates the road mark of the locomotive.
Equipment ID*	A 1 to 10-numeric field that indicates the equipment ID of the locomotive.
Weight	A 1 to 6-numeric field indicating the weight of the locomotive in pounds.
Brake Horsepower Rating	A 1 to 5-numeric field indicating the brake horsepower (bhp) rating of the locomotive.
Maintenance Instructions	A 1 to 50-character field identifying locomotive maintenance instructions.
Place of Manufacture	A drop-down list field that indicates whether the locomotive was manufactured in Canada, USA, or Mexico.
Remanufactured Date*	A calendar field that enables you to select the date on which the locomotive was remanufactured.
Date of Last Emissions Kit	A calendar field that enables you to select the date on which the locomotive received its most recent emissions kit.

Emissions

These fields vary depending on which tier is selected and are measured in g/bhp-hr.

Line Haul

NOx*	A 1 to 7-numeric field that indicates the maximum oxides of nitrogen (NOx) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
PM*	A 1 to 7-numeric field that indicates the maximum particulate matter (PM) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
HC	A 1 to 7-numeric field that indicates the maximum hydrocarbon (HC) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
CO	A 1 to 7-numeric field that indicates the maximum carbon monoxide (CO) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.

Switch

NOx*	A 1 to 7-numeric field that indicates the maximum oxides of nitrogen (NOx) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
PM*	A 1 to 7-numeric field that indicates the maximum particulate matter (PM) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
HC	A 1 to 7-numeric field that indicates the maximum hydrocarbon (HC) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.
CO	A 1 to 7-numeric field that indicates the maximum carbon monoxide (CO) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.

Use NOx + HC	A toggle switch, only displayed when Tier4 is selected, that allows manufacturers/remanufacturers to use credits accumulated through the ABT program to certify Tier 4 locomotives to an alternate NOX + HC emission standard of
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1.4 g/bhp-hr (instead of the otherwise applicable NOX and NMHC standards) per 40 CFR 1033.101 subpart j.

3. Select the **Engine Family** from the drop-down list. When more than one record exists for the Engine Family selected, the Engine Family Information pop-up is displayed. Choose the appropriate record from by selecting a checkbox (shown in [Exhibit 15](#)).
4. Complete the fields as needed and select **Submit**. The All Finished Pop-up message appears.
5. Select **Confirm** to verify that the information entered is accurate and that you want to submit the label data. The new locomotive eLabel is added.

Submitting an eLabel for an Engine

If you have the appropriate permissions (see [Requesting Access to LMIS eLabels](#)), you can create and submit EPA Emissions eLabels for an engine.

Use the following procedure to create an eLabel for an engine:

1. Select the menu icon (≡) at the top left of the eLabels page as shown in [Exhibit 18](#).
2. Select **Submit Label** and then select **Engine**. The Submit Engine Label Information page is displayed.

Exhibit 21. Submit Engine Label Information

Submit Engine Label Information

REQUIRED BY 40 CFR 1033.101 EXHAUST EMISSION STANDARDS. THIS INFORMATION WILL BE ACCESSIBLE BY FEDERAL REGULATORS

Engine Family *

Tier Type

Engine

Certificate Holder *

Serial Number *

1-25 Characters

Model Number

1-50 Characters

Date of Original Manufacture

Kit Part/Drawing Number

1-25 Characters

Configuration ID *

1-25 Characters

Emissions

Line Haul

NOx *

1-7 Numeric

HC *

1-7 Numeric

PM *

1-7 Numeric

CO *

1-7 Numeric

Switch

NOx *

1-7 Numeric

HC *

1-7 Numeric

PM *

1-7 Numeric

CO *

1-7 Numeric

Useful Life:

Megawatt Hours

1-7 Numeric

Years

1-2 Numeric

Miles

1-7 Numeric

Maintenance Instructions

1-50 Characters

The Submit Engine Label Information page contains the following fields:

Required fields are marked with an asterisk (*).

Engine Family*

A 12-character code that identifies all parts of a particular locomotive or engine.

Note: Once you select an existing engine family, the Tier Type, all of the Emissions fields, the Certificate Holder, the Model Number, Configuration ID, and the Maintenance Instructions fields are populated with information from the engine family.

Tier Type

Indicates the tier type of the engine family. Valid values include Tier0, Tier0+, Tier1, Tier1+, Tier2, Tier2+, Tier3, and Tier4. The Emissions fields shown vary depending on which tier is selected.

Engine

Certificate Holder*	Identifies the company associated with the logged on user ID.
Serial Number*	A 1 to 25-character field that indicates a unique identifier for the engine.
Model Number	A 1 to 25-character field that indicates the model number of the engine.
Date of Original Manufacture*	A calendar field that enables you to select the date on which the engine was originally manufactured.
Kit Part/Drawing Number	A 1 to 25-character field that indicates a manufacturer specific code that can be used to identify the equipment.
Configuration ID*	A 1 to 25-character field given by the EPA on the certificate.

Useful Life (per 40 CFR 1033.101 subpart g)
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Megawatt Hours	A 1 to 7-numeric field indicating the number of megawatt hours on the engine.
Years	A 1 to 2-numeric field indicating the age of the engine in years.
Miles	A 1 to 7-numeric field indicating the number of miles on the engine.
Maintenance Instructions	A 1 to 50-character field identifying locomotive maintenance instructions.

Emissions These fields shown vary depending on which tier is selected and are measured in g/bhp-hr.

Line Haul

NOx*	A 1 to 7-numeric field that indicates the maximum oxides of nitrogen (NOx) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.
PM*	A 1 to 7-numeric field that indicates the maximum particulate matter (PM) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.

HC A 1 to 7-numeric field that indicates the maximum hydrocarbon (HC) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.

CO A 1 to 7-numeric field that indicates the maximum carbon monoxide (CO) level allowed for the engine family as described in 40 CFR Part 92 when used by line haul locomotives.

Switch

NOx* A 1 to 7-numeric field that indicates the maximum oxides of nitrogen (NOx) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.

PM* A 1 to 7-numeric field that indicates the maximum particulate matter (PM) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.

HC A 1 to 7-numeric field that indicates the maximum hydrocarbon (HC) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.

CO A 1 to 7-numeric field that indicates the maximum carbon monoxide (CO) level allowed for the engine family as described in 40 CFR Part 92 when used by switch locomotives.

Use NOx + HC A toggle switch, only displayed when Tier4 is selected, that allows manufacturers/remanufacturers to use credits accumulated through the ABT program to certify Tier 4 locomotives to an alternate NOX + HC emission standard of 1.4 g/bhp-hr (instead of the otherwise applicable NOX and NMHC standards) per 40 CFR 1033.101 subpart j.

3. Select the **Engine Family** from the drop-down list. When more than one record exists for the Engine Family selected, the Engine Family Information pop-up is displayed. Choose the appropriate record from by selecting a checkbox (shown in [Exhibit 15](#)).
4. Complete the fields as needed and select **Submit**. The All Finished Pop-up message appears.
5. Select **Confirm** to verify that the information entered is accurate and that you want to submit the label data. The new engine eLabel is added.

Associating a Locomotive to an Engine

If you have the eLabels Label Creator, eLabels Reinstaller, or eLabels View Labels role (see [Requesting Access to LMIS eLabels](#)), you can associate a locomotive with an engine.

Use the following procedure to associate a locomotive to an engine:

1. View a Locomotive eLabel as described in [Viewing Locomotive eLabels](#).
2. Select the **Associate to Engine** button at the bottom of the label. The Associate to Engine pop-up is displayed.

Exhibit 22. Locomotive eLabel Associate to Engine Pop-up

The screenshot shows a web interface for a locomotive eLabel. The background is a light gray with various fields: 'Brake horsepower rating (BHP)' with value '10000', 'Weight(LBS)' with value '15000', and 'Place Of Manufacture' with value 'USA'. Below these are 'Emissions' tabs for 'Line Haul' and 'Switch'. A 'Maintenance Instructions' section is partially visible. Overlaid on this is a white pop-up dialog box titled 'Associate to Engine'. Inside the dialog, there is a text input field labeled 'Serial Number' with a placeholder '1-25 Characters'. Below the input field are two buttons: 'Submit' and 'Cancel'. At the bottom of the background interface, there is a blue button labeled 'Associate to Engine' and a 'Print' button in the bottom right corner.

3. Enter the **Serial Number** of the engine with which the locomotive should be associated.
4. Select **Submit**. The locomotive is associated with the specified engine.

Associating an Engine to a Locomotive

If you have the eLabels Label Creator, eLabels Reinstaller, or eLabels View Labels role (see [Requesting Access to LMIS eLabels](#)), you can associate an engine with a locomotive.

Use the following procedure to associate an engine with a locomotive:

1. View an Engine eLabel as described in [Viewing Engine Only eLabels](#).
2. Select the **Associate to Locomotive** button at the bottom of the label. The Associate to a Locomotive pop-up is displayed.

Exhibit 23. Engine eLabel Associate to a Locomotive Pop-up

The screenshot shows a web interface for an engine eLabel. At the top, it says "Engine" and "Engine Emission Control Information". Below that, it says "Engine Family: 2CMMG540_SSJ". There are fields for "Serial Number" (e-1) and "Configuration ID" (CFG-134). A pop-up window titled "Associate to a Locomotive" is centered on the screen. It has two input fields: "Road Mark" (2-4 Characters) and "Equipment ID" (1-10 Numeric). Below these is an "OR" section with a "Serial Number" field (1-25 Characters). There are "Submit" and "Cancel" buttons at the bottom of the pop-up. In the background, there is a blue button labeled "Associate to Locomotive" at the bottom of the page.

3. Enter the **Road Mark** and **Equipment ID** or enter the **Serial Number** of the locomotive with which the engine should be associated.
4. Select **Submit**. The engine is associated with the specified locomotive.

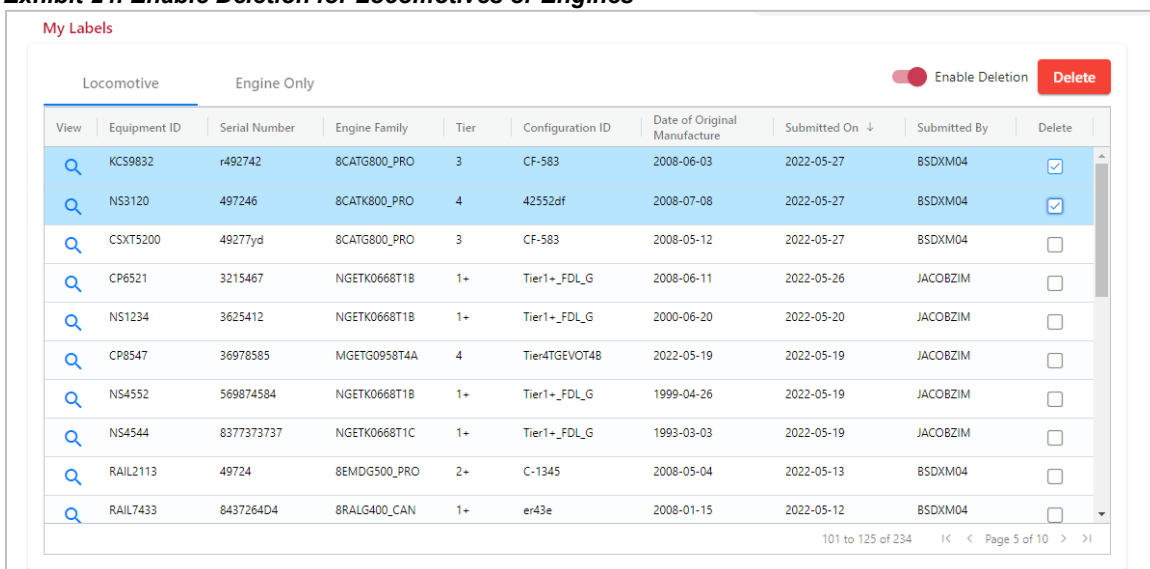
Deleting and Restoring eLabels

If you have the eLabels Label Creator or the eLabels Reinstaller role, you can delete and restore locomotive and engine eLabels. If you have the eLabels View Labels or Government Agency View role, you can view the list of deleted eLabels.

Deleting Locomotive or Engine eLabels

1. From the main menu, select **My Labels** and select either the **Locomotive** or the **Engine Only** tab.
2. Select the **Enable Deletion** toggle at the top right of the table.
3. Select the checkbox for one or more locomotives or engines located in the **Delete** column.

Exhibit 24. Enable Deletion for Locomotives or Engines

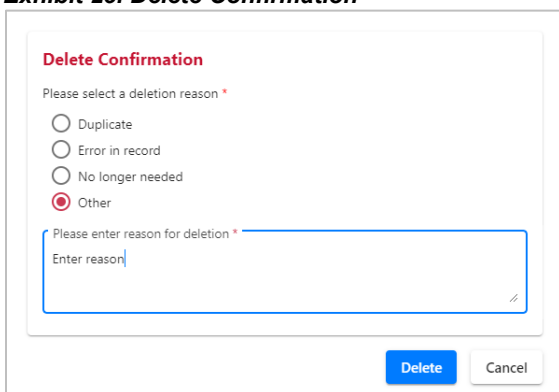


The screenshot shows the 'My Labels' interface. At the top, there are tabs for 'Locomotive' and 'Engine Only'. To the right, there is a toggle for 'Enable Deletion' (currently turned on) and a red 'Delete' button. Below the tabs is a table with the following columns: View, Equipment ID, Serial Number, Engine Family, Tier, Configuration ID, Date of Original Manufacture, Submitted On, Submitted By, and Delete. The table contains 10 rows of data. The first two rows are highlighted in blue, and their checkboxes in the 'Delete' column are checked. The remaining rows have unchecked checkboxes. At the bottom right of the table, there is a pagination bar showing '101 to 125 of 234' and 'Page 5 of 10'.

View	Equipment ID	Serial Number	Engine Family	Tier	Configuration ID	Date of Original Manufacture	Submitted On	Submitted By	Delete
	KCS9832	r492742	8CATG800_PRO	3	CF-583	2008-06-03	2022-05-27	BSDXM04	<input checked="" type="checkbox"/>
	NS3120	497246	8CATG800_PRO	4	42552df	2008-07-08	2022-05-27	BSDXM04	<input checked="" type="checkbox"/>
	CSXT5200	49277yd	8CATG800_PRO	3	CF-583	2008-05-12	2022-05-27	BSDXM04	<input type="checkbox"/>
	CP6521	3215467	NGETK0668T1B	1+	Tier1+_FDL_G	2008-06-11	2022-05-26	JACOBZIM	<input type="checkbox"/>
	NS1234	3625412	NGETK0668T1B	1+	Tier1+_FDL_G	2000-06-20	2022-05-20	JACOBZIM	<input type="checkbox"/>
	CP8547	36978585	MGETG0958T4A	4	Tier4TGEVOT4B	2022-05-19	2022-05-19	JACOBZIM	<input type="checkbox"/>
	NS4552	569874584	NGETK0668T1B	1+	Tier1+_FDL_G	1999-04-26	2022-05-19	JACOBZIM	<input type="checkbox"/>
	NS4544	8377373737	NGETK0668T1C	1+	Tier1+_FDL_G	1993-03-03	2022-05-19	JACOBZIM	<input type="checkbox"/>
	RAIL2113	49724	8EMDG500_PRO	2+	C-1345	2008-05-04	2022-05-13	BSDXM04	<input type="checkbox"/>
	RAIL7433	8437264D4	8RALG400_CAN	1+	er43e	2008-01-15	2022-05-12	BSDXM04	<input type="checkbox"/>

4. Select the **Delete** button. The Delete Confirmation pop-up is displayed.
5. Select a reason for the deletion. If **Other**, enter a reason in the provided text field.

Exhibit 25. Delete Confirmation



The screenshot shows a 'Delete Confirmation' dialog box. It has a title 'Delete Confirmation' and a message 'Please select a deletion reason *'. There are four radio button options: 'Duplicate', 'Error in record', 'No longer needed', and 'Other'. The 'Other' option is selected. Below the radio buttons is a text input field with the placeholder text 'Please enter reason for deletion *' and the text 'Enter reason'. At the bottom of the dialog, there are two buttons: 'Delete' (in blue) and 'Cancel'.

6. Select **Delete**. The eLabel is removed from the table.

Restoring Deleted eLabels

1. From the Home page, select **Admin > Deleted eLabels**.
2. Select either the **Locomotive** or the **Engine Only** tab.
3. Select the view icon (🔍) in any row to view the details of an eLabel.
4. Select the **Restore** button to restore the eLabel. The eLabel is immediately restored and can be found on My Labels page in the appropriate Locomotive or Engine Only tab.

Exhibit 26. Restore eLabels

≡ EPA Emissions eLabels

i.e. (RAIL1), (RAIL1-500),(RAIL1-RAIL500), (RAIL112400,CSXT400,B

Deleted eLabels

LocomotiveEngine Only

View	Equipment ID	Serial Number	Engine Family	Tier	Configuration ID	Date of Original Manufacture	Submitted On ↓	Submitted By	Deletion Reason	Deletion Status
🔍	UP5819	53586	NGETK0668A1A	1+	Tier1+_FDLA_B	2002-06-16	2024-06-11	NPATRICK	testing	<button>Restore</button>
🔍	RAIL123	1234567890	12345HUNTLEY	2	12345ABC	2024-01-05	2024-05-29	VVSTEST	testing	<button>Restore</button>
🔍	RAIL103	5642gt	TYU53058+DNA	2+	dcaar35	2022-11-02	2022-11-04	BSDXM04	Testing deletion	<button>Restore</button>

Using eLabels Reports

All LMIS EPA Emissions eLabels users can access the Reports page, which enables you to view and export a list of labels that match the criteria you specify.

Note: If you have the eLabels Label Creator, eLabels Reinstaller, or eLabels Modifier role (see [Requesting Access to LMIS eLabels](#)), you can select multiple engine families from your Engine Family drop-down list.

Use the following procedure to display a report of data from the database:

- 1. Select **Reports** from the menu bar. The EPA eLabel Reports page is displayed.

Exhibit 27. EPA eLabel Reports

EPA eLabel Reports

From Date

To Date

Road Mark

2-4 Characters

Label Type

Locomotive Type

Equipment ID

1-10 Numeric

Engine Family

12 CHARACTERS ENGINE FAMILY

Calculate Total Sum

Submit

Clear

This page contains the following report criteria fields, which you can use to narrow the scope of the report:

All report criteria fields are optional.

From Date	A calendar field that enables you to select the report start date.
To Date	A calendar field that enables you to select the report end date.
Road Mark	A 2 to 4-character field that indicates the road mark to include in the report.
Label Type	A drop-down list field that enables you to select whether to report on locomotive or engine labels. Note: Both types of labels are displayed unless you select one.
Locomotive Type	A drop-down list field that enables you to specify whether to include line haul or switch locomotives.
Equipment ID	A 1 to 10-numeric field that indicates the equipment ID.

Engine Family A 12-character code that identifies all parts of a particular locomotive or engine.

Depending on your permissions, this field may contain multiple engine families.

Calculate Total Sum Calculate the sum number of labels for each engine family.

- When you have completed specifying the fields for the report, select **Submit**. The report results are displayed below the report criteria fields ([Exhibit 28](#)).

Select **Clear** to remove the contents of all the report criteria fields.

Exhibit 28. EPA eLabel Reports with Results

EPA eLabel Reports

From Date

To Date

Road Mark

Label Type

Locomotive Type

Equipment ID

Engine Family

☐ Calculate Total Sum

Date Created	Certificate Holder	Engine Family	Serial Number	Road Mark	Equipment ID	Line Haul N...	Line Haul ...	Line Haul Hc	Line H
12/05/2021 12:57	RAILINC CORPORA...	3RALGJWUI899	87yuuw	RAIL	21189	8	0.22	1	5
10/20/2021 23:22	RAILINC CORPORA...	TDWL4567OSDU	1234098	NS	657543	5.5	0.1	0.3	1.5
12/02/2021 22:19	RAILINC CORPORA...	MODIF1221212	alkjdw	NS	12342				
12/02/2021 21:28	RAILINC CORPORA...	TESTRAIL1231	orire	NS	3211	5.5	0.1	0.3	1.5
12/02/2021 15:29	RAILINC CORPORA...	TSTNOTIFI493	988726y	KCS	8779	5.5	0.1	0.3	1.5
12/02/2021 14:39	RAILINC CORPORA...	THANGTEST111	o9-e3	RAIL	4387	5.5	0.1	0.3	1.5

- Optionally, select the **Export** button to save the report results to a CSV file, that can be opened using a spreadsheet application as shown below.

Exhibit 29. Exported EPA eLabel Report Opened in a Spreadsheet

	A	B	C	D	E	F	G	H	I	J	K	L
1	Label Type	Date Created	Certificate Holder	Engine Family	Serial Number	Road Mark	Equipment ID	Line Haul	Line Haul	Line Haul	Line Haul	Switch M
2	Locomotive	6/11/2024 13:29	WABTEC CORPORA	NDPTESTENG01	51910	CN	3350	8	0.22	1	5	11
3	Locomotive	6/11/2024 8:08	WABTEC CORPORA	NGETG0958T4M	66548	BNSF	3319	4.8	0.08	0.14	1.5	
4	Locomotive	6/7/2024 14:31	RAIL - RAILINC COR	4RCCK650_UTW	SER444	BNSF	200					
5	Locomotive	6/5/2024 9:57	BNSF RAILWAY CO	DRALK450_TEC	SER1233	RAIL	11111	5.5	0.1	0.3	10	2
6	Locomotive	5/17/2024 12:05	RAIL - RAILINC COR	HD1234567890	SER233	BNSF	1234	5.5	0.1	0.3	1.5	8
7	Locomotive	5/17/2024 13:11	BNSF RAILWAY CO	BN1200001234	SER4567	BNSF	5678	7.4	0.11	0.55	10	1
8	Locomotive	5/17/2024 12:40	BNSF RAILWAY CO	BN1200001234	SER2345	BNSF	2345	7.4	0.11	0.55	10	1
9	Locomotive	8/10/2022 10:41	WABTEC CORPORA	NGETK0668T1B	78954	NS	5241	6.5	0.21	0.55	2.2	9

Setting Up eLabels Notifications

As tasks are performed in LMIS eLabels, the application sends notifications to users (e.g., when you submit or modify an engine family, create, delete, restore or associate labels). To receive notifications, your contact information must be set up using one of the following methods:

- Railroad users add contacts through [FindUs.Rail](#), a centralized database of rail industry company contact information. See [Adding Contacts Using FindUs.Rail](#) for more information.
- Manufacturer users add contacts through the LMIS eLabels application. See [Adding Manufacturer Contacts](#) for more information.

Adding Contacts Using FindUs.Rail

Use the following procedure to add contact information in FindUs.Rail:

1. As described in the [FindUs.Rail User Guide](#), go to the Railinc portal at <http://www.railinc.com>, enter your SSO User ID and password, and select the FindUs.Rail application.
2. Once the application opens, select **Sign In** if you are not already signed in.
3. Select **Contacts > Add Contact** to display the Add Contact page.
4. Complete the available contact information input fields.
5. Select the **Locomotive eLabels** Category.
6. Select **Save** to save the new contact record.

Adding Manufacturer Contacts

All LMIS EPA Emissions eLabels users can add manufacturer contacts and edit their own company's contact information.

Manufacturers receive notifications for their eLabels when they are the Certificate Holder.

Use the following procedure to add a new manufacturer contact:

1. Select **Resources > Add Manufacturer Contact** from the menu bar. The Add Manufacturer Contact page is displayed.

Exhibit 30. Add Manufacturer Contact

This page contains the following fields:

Required fields are marked with an asterisk (*).

- | | |
|----------------------------|---|
| Certificate Holder* | This field is prepopulated with the name of the company associated with your account. This field cannot be modified. |
| Contact Type* | A drop-down list field that enables you to select whether the new contact is the primary or secondary contact.

A primary contact must be set up before a secondary contact can be added. |
| Email Address* | A 1 to 100-character field that indicates the email address associated with the contact. |
| First Name* | A 1 to 50-character field that indicates the first name associated with the contact. |
| Last Name* | A 1 to 50-character field that indicates the last name associated with the contact. |
- When you have completed all the fields for the new manufacturer contact, select **Submit**. Select **OK** at the prompt to confirm. The new manufacturer contact is added.
 - To edit a contact, select **Edit Contact** at the bottom right to modify an existing contact for your own company.
 - To remove the contents of all fields (except Certificate Holder), select **Clear**.

Deleting/Modifying Manufacturer Contacts

All LMIS EPA Emissions eLabels users can modify or delete an existing manufacturer contact for your company.

Use the following procedure to delete or modify a manufacturer contact:

1. Select **Resources > Add Manufacturer Contact** from the menu bar. The Add Manufacturer Contact page is displayed.
2. Select **Edit Contact** at the bottom right.
3. Enter the name of the contact you want to delete or modify and select **Search**.

Exhibit 31. Modify or Delete Manufacturer Contact

The screenshot shows a web application interface with a modal dialog titled "Add Manufacturer Contact". Inside the dialog, there is a section titled "Select Contact to Modify". Below this title is a search bar labeled "Search Modify" with a dropdown arrow. Underneath the search bar, it says "Results from searching first and last name". Below this is a table with the following columns: "Certificate Holder", "First Name", "Last Name", and "Email Address". The table contains one row with the data: "RAILINC CORPORATION", a redacted first name, a redacted last name, and "railinc.c...". At the bottom of the table, it says "1 to 1 of 1" and "Page 1 of 1". Below the table are three buttons: "Cancel", "Delete", and "Modify".

Certificate Holder	First Name	Last Name	Email Address
RAILINC CORPORATION			@railinc.c...

4. To delete a contact, select the contact you want to delete and select the **Delete** button. The contact is immediately deleted.
5. To modify a contact, select the contact you want to modify and select the **Modify** button. The contact information is displayed for editing. Make the appropriate changes and select **Submit**. Select **OK** at the prompt to confirm the change. The manufacturer contact is updated.