

Marine Compression-Ignition Engines: Instructions for EV-CIS Certification Module

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Implementation, Analysis and Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

Marine Compression-Ignition Engines: Instructions for EV-CIS Certification Module

The purpose of this document is to assist manufacturers of Marine Compression-Ignition engines with the submission of certification applications using the Engines and Vehicles – Compliance Information System (EV-CIS, formerly “Verify”).¹ This document does not supersede or replace any regulatory requirements of the Clean Air Act or MARPOL Annex VI.

The below instructions are intended for manufacturers who have already [received a manufacturer code from the EPA](#), and who have followed the [steps to assign employees as CAO, CROMERR Signer\(s\), and Submitter\(s\)](#).² Please follow the linked instructions if you have not yet completed these steps. For further assistance with account setup, please contact ev-cisdpc@epacdx.net.

Before submitting a request for certificate, please make sure to review and update the manufacturer information in EV-CIS, including:

- Relevant industry sectors (e.g., Marine Compression-Ignition Engines)
- Company addresses
- Engine manufacturing plant information
- Name of at least one agent for service in the U.S. & their contact information³
- Emissions test labs

If manufacturer information updates are not completed before an application for certification is started, you will be unable to enter the correct information in your application.

¹ Where we refer to a “manufacturer” in this document, we mean any entity who EPA has allowed to obtain a certificate for a Marine Compression Ignition engine family. See [40 CFR 1042.2](#).

² It is permissible for a CAO to assign multiple roles to an individual account user. For example, a submitter can also be a CROMERR signer.

³ The named agent must be a person with a street address in the U.S. (not a P.O. box) who can be reached during normal business hours and agrees to be responsible for receiving legal notices from EPA on behalf of the manufacturer.

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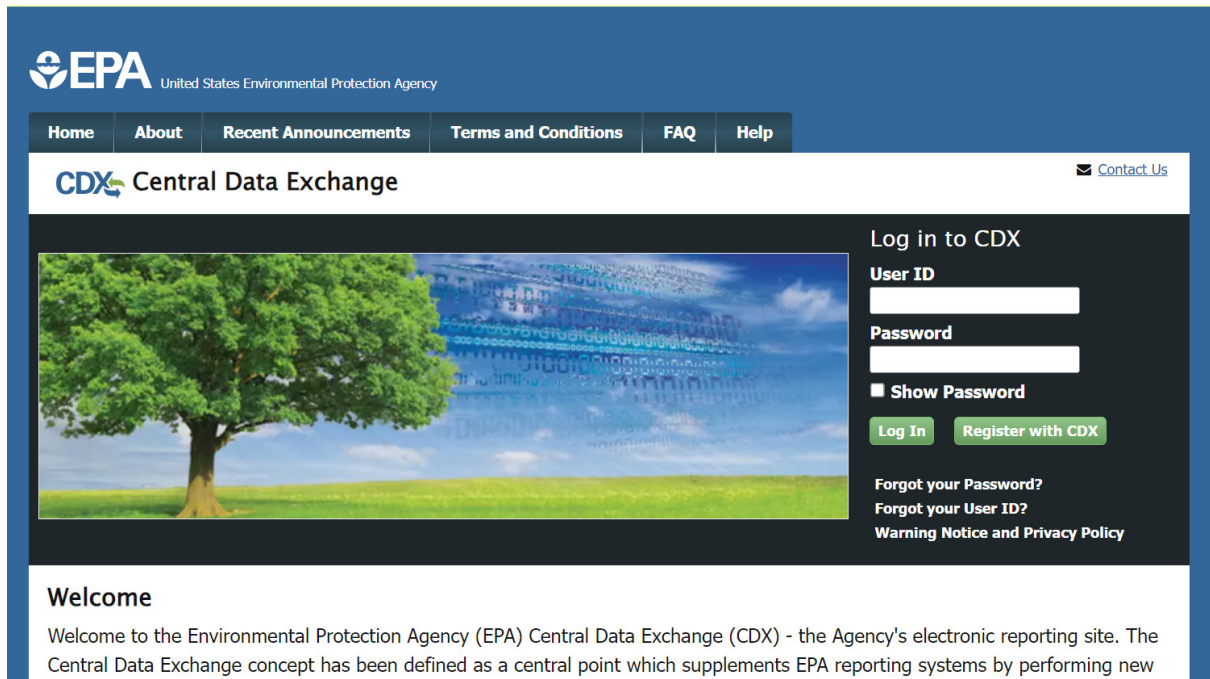
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1. Submitting a new engine family for certification

Once you are staffed with CAO, CROMERR Signer, and Submitter roles at your company and have entered up-to-date manufacturer information you are ready to begin the engine certification process.

A. How to begin a new application in EV-CIS

- i. As an approved submitter, sign into [EV-CIS](#) through CDX.



The screenshot shows the EPA Central Data Exchange (CDX) website. At the top left is the EPA logo with the text "United States Environmental Protection Agency". A navigation bar contains links for Home, About, Recent Announcements, Terms and Conditions, FAQ, and Help. Below this is the CDX logo and the text "Central Data Exchange" with a "Contact Us" link. The main content area features a large image of a tree in a field with a blue sky and a grid of data points. To the right of the image is a login form titled "Log in to CDX" with fields for "User ID" and "Password", a "Show Password" checkbox, and "Log In" and "Register with CDX" buttons. Below the form are links for "Forgot your Password?", "Forgot your User ID?", and "Warning Notice and Privacy Policy".

Welcome

Welcome to the Environmental Protection Agency (EPA) Central Data Exchange (CDX) - the Agency's electronic reporting site. The Central Data Exchange concept has been defined as a central point which supplements EPA reporting systems by performing new

ii. Select the submitter role.

EPA United States Environmental Protection Agency

Home About Recent Announcements Terms and Conditions FAQ Help

CDX Central Data Exchange [Contact Us](#) (Log out)

MyCDX Inbox My Profile Submission History Payment History

Status	Program Service Name	Role
	EV-CIS: Engines and Vehicles - Compliance Information System	CROMERR Signer
	EV-CIS: Engines and Vehicles - Compliance Information System	Submitter

CDX Service Availability

[See the status for all program services](#)

News and Updates

No news/updates.

Add Program Service Manage Your Program Services

iii. Select "Submit Certification Information"

What would you like to do?

Maintain Manufacturer Information

Submit Certification Information

Request Certificate or CSI Update

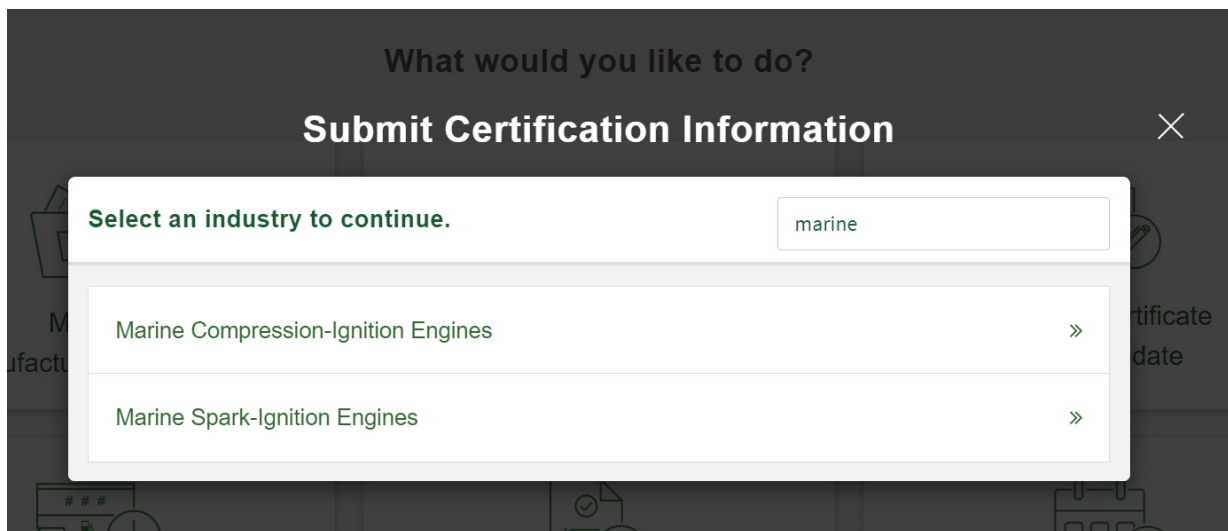
Submit Fuel Economy Label Information

Submit Compliance Information


Update Introduction to Commerce Date

59:28 Click here to reset timer

- iv. Select the appropriate industry, searching for “marine” if needed. This instructions document will focus on marine compression-ignition engines.



- v. Select “Start New Dataset.” (If you are working from an existing dataset, please see section 1C on page 13.)

 **U.S. Environmental Protection Agency**

EV-CIS: Engines and Vehicles - Compliance Information System

EV-CIS Home > Marine Compression Ignition Logged in as, Manufacturer: ENVIRONMENTAL PROTECTION AGENCY - EPA (Logout)

Marine Compression Ignition

- **Certification Information Submission**
 - **Start New Dataset**
 - Upload Existing Dataset
 - Submit Batch Dataset
 - Request Dataset Report
 - Delete Dataset
- Upload Certification Documents
- Maintain Manufacturer Information

You are in an encrypted secure session.

Help Desk: (888) 890-1995 Email: evcishelpdesk@epacdx.net
[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://www.epa.gov/epahome/usenotice.htm>

- vi. This will bring you to a data entry area with multiple tabs, as shown below. All required fields in each tab (those with a *****) must be completed. The next steps include tips for filling in many required fields.

Certification Information Submission

* or [icon] = required field
+ = CTRL-click to select and deselect multiple values

? Help

General Information | Emission Control System | Engine Configuration(s) | Test Information | Adjustment Factors

Durability Information

General Information

EPA Manufacturer Code: EPA

Process Code*: [Select] | Model Year*: [Select]

EPA Engine Family Name*: [] | Manufacturer Engine Family Name: []

Alternate Trade Names (on Label) | + Add | Delete

Branding Arrangements Description (4000 characters available)

- vii. It is advised to save the file regularly as you work and save again before you submit, when you are finished entering your information needed for certification.

The save button is located at the bottom of the page opposite the “review and submit” button.

59:49 Click here to reset timer

Save Form | **Review & Submit**

You are in an encrypted secure session.

Help Desk: (888) 890-1995 Email: evcishelpdesk@epacdx.net
[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://www.epa.gov/epahome/usenotice.htm>

B. Tips on required information for submission

A more detailed, and regularly updated, guide to each field may be found at [the EPA's Marine CI system documentation page](#) – select “Data Requirements for Marine CI.” The accompanying link “Business Rules for Marine CI” explains the internal logic within the EV-CIS system for accepting and rejecting field entries, and may also be of great use to submitters. We strongly suggest all submitters refer to this guide with any questions they encounter.

Manufacturers may also wish to refer to “[Marine CI Module Revisions Explained](#),” which helps clarify which certificates manufacturers should apply for.

To get the data element number, which can be used with the above “Data Requirements for Marine CI” reference, please mouse over the field descriptor for the relevant field. The data element number will appear as mouseover text.

EV-CIS: Engines and Vehicles - Compliance Information System

EV-CIS Home > Marine Compression Ignition > Certification Information Submission

Certification Information Submission

* or = required field
+ = CTRL-click to select and deselect multiple values

General Information | Emission Control System | Engine Configuration(s) | Test Information | Adjustment Factors

Durability Information

General Information

EPA Manufacturer Code: EPA

Process Code*: Select

EPA Engine Family Name*:

Model Year*: Select

Manufacturer: Data Element Number 3

Alternate Trade Names (on Label)

+ Add

- Delete

Branding Arrangements Description (4000 characters available)

Manufacturer Type*: Select

Engine Type*: Select

Do your engine production volumes meet the small volume threshold?*: Select

Is your engine on a formerly foreign vessel that is being reflagged as a U.S. vessel?*: Select

Locomotive Remanufacture System Engine Family Name:

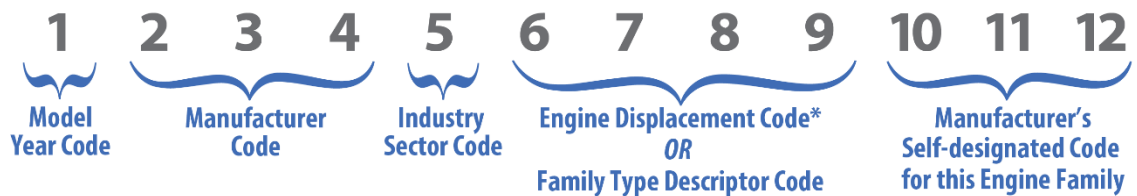
Examples of fields and some additional information points are given below.

i. General Information Tab

The EV-CIS system collects certification application information required by regulation. All submitters should compare their application with the requirements laid out in [40 CFR 1042 Subpart C](#), which describes what makes a complete application. This tutorial is intended to be helpful but is not enforceable; the Code of Federal Regulations ultimately governs what is required in an application for certification.

- Process Code (MCI-2): Indicates type of submission. A new submission is “N – New Submission.”
- Model year (MCI-3): the [model year, as defined by 40 CFR Part 1042.901](#), which will apply to the engine being submitted for certification.
- EPA Engine Family Name (MCI-4):

Engines are named according to the following scheme:



The industry sector code for marine compression ignition engines is N. [EPA's web page on Engine Family Naming Conventions](#) provides additional information about each of the character positions in EPA engine family names, while [this MCI-specific web page](#) provides additional information about appropriate marine compression ignition engine displacement codes.

The manufacturer engine family name (MCI-5) is not required, but is provided to enable manufacturers to include common trade names for engine models as part of their application, for easy reference.

Engine family determination: see [40 CFR 1042.230](#) for instructions on appropriate engine family assignment.

- Manufacturer type (MCI-8): Affects what data is required; defined in 40 CFR 1042 (see links)
 - (a) Original [engine manufacturer](#)
 - (b) [Post-manufacture marinizer](#)
 - (c) Independent commercial importer: [included in the definition of manufacturer](#); we recommend selecting this option if you are a reflagger or an importer of finished engines which you purchase from another manufacturer.
- Engine type (MCI-10): these engine types are largely defined in [40 CFR 1042.901](#), for instance, see the definition for “[recreational marine engine](#).”
- Small volume threshold (MCI-9): defined in [40 CFR 1042.901 'Small-volume engine manufacturer'](#)
- Flagging (MCI-235): Re-flagging is defined in [40 CFR 1042.901 'Reflag.'](#) Upon a vessel's reflagging to the US, installed marine engines generally become subject to 40 CFR part 1042 (see [1042.5](#)) and 40 CFR part 1043 (See [1043.10](#)).

- Marine Combustion type (MCI-219): these combustion types are defined in [40 CFR 4042.901](#), for instance, see the definition for “[marine compression ignition engine.](#)” See also [40 CFR 1042.1 \(f\)](#).
- Carryover test results status (MCI-13): [See 40 CFR 1042.235\(d\)](#). A positive response to this prompts for the original carryover engine name and family.
- Types of certificates required (MCI-241): Indicate what certificates are required for this family, so that appropriate processing rules may be applied to your application. More information on required certificates may be found in the document “Marine CI Verify Module Revisions Explained” linked [on the Marine CI system documentation page](#). For more information about EIAPP certificates, see (“[EPA-Issued EIAPP Certificates: Frequently Asked Questions](#),” EPA-420-F-19-009). If Certificate Type equals ‘2’ (EIAPP Certificate Only), then Justification for EIAPP Certificate Only is required.

Please note: the fields that are available in the online application depend upon your selection here, so some fields described below may not appear for you, depending on your choice.

- Applicable Regulation (Certificate of Conformity) (MCI-15): Note that the EPA migrated the regulatory provisions from 40 CFR Part 94 to Part 1042 in 2021. Select Part 94 for engines on reflagged vessels that are or will become subject to Tier 1 or Tier 2 standards. We note that Tier 1 and Tier 2 engines are now subject to standards as specified in [Part 1042 Appendix I](#), with certification provisions as described in [40 CFR Part 1042](#).
- Engine category (MCI-20): The marine engine category based on specific engine displacement per cylinder, see [40 CFR 1042.1\(a\)](#) and [40 CFR 1042.901](#).
- Special compliance provision (MCI-18): A designation for the specific compliance standards applicable to this engine family, if applicable. [Refer to 40 CFR 1042.101](#) for more information on the applicability of listed provisions.
- Maximum engine power (MCI-21): Maximum power of the highest rated engine in this Engine Family as defined in [1042.140](#) (kW)
- Rated engine power (MCI-248): The maximum advertised continuous power at rated speed among all engine configurations of this engine family (kW). This field is optional for a Certificate of Conformity but required for an EIAPP certificate. The rated power will be printed on the EIAPP certificate issued in accordance with 40 CFR 1043.
- Maximum test speed (MCI-249): Highest engine speed to use during testing in rotations per minute (rpm), see [1042.901](#).
- Maximum in-use speed (MCI-250): Highest engine speed the engine may reach in actual use in rotations per minute (rpm). The same as Maximum Test Speed (MCI-249) unless the engine speed is limited in use, see [1042.140\(g\)](#).
- Engine applications (MCI-25): An indication of whether the engines in this family are intended for use in mobile and/or stationary applications, a status which is referenced various times in 40 CFR 1042, e.g., [40 CFR 1042.901 “New Marine Engine.”](#) Your selection will be printed on the Certificate of Conformity.
- Limited applications (MCI-27): an optional field that, if selected, appears on the Certificate of Conformity. If you have questions about what to put down, please contact your certification representative. Variable speed propulsion engines typically do not require a selection in this field.

- Time-Weighted Carve Out Limited NTE Testing Regions and NTE deficiencies (MCI-34): Not-To-Exceed standards are defined in 40 CFR [1042.101\(c\)](#); the test procedures related to NTE standards are discussed in [40 CFR 1042.515](#). Additional information on time-weighted carve-outs can be found in [40 CFR 1042.515\(f\)\(2\)](#), the possibility of permissible deficiencies is discussed in [40 CFR 1042.101\(c\)\(5\)](#) and [40 CFR 1042.145\(g\)](#).
- Fuel and Fuel Options (MCI-46): Fuel(s) combusted in this engine family, which affect which species of pollutants must be measured. See, e.g., [40 CFR 1042.101\(d\)](#).
- Averaging Banking and Trading (ABT) and Family Emission Limit (FEL) Information (MCI-29 and MCI-30): Indicate participation in the ABT program. For more information on this program and to view applicable regulations, see 40 CFR 1042 [Subpart H](#).

Please make sure you select accurate manufacturing plants, test labs, and U.S. service agent.

ii. Emission Control System Tab

- Please accurately list and describe all aftertreatment devices (if part of your engine design). Aftertreatment devices must be appropriately included in emissions testing. Please see the [definition of aftertreatment](#).

In some cases, for very large engines, EPA may allow the testing of engine-out emissions with simulated aftertreatment operation. We allow this for Category 3 engines without special request. If a Category 2 engine is too large to be practically tested in a laboratory with a fully assembled aftertreatment system, consult the regulation before requesting EPA to allow this for your engine.

- Are any AECDs used on this Engine Family (MCI-63)?
Please be sure to disclose and fully describe all Auxiliary Emissions Control Devices (AECDs) ([see 1042.205\(b\)](#)). In our experience, the vast majority of engines have at least one AECD, e.g., modified behavior during a cold start. Further, EPA expects your engine's primary emission control strategy to be disclosed as part of the AECD information packet. EPA has provided a suggested format for describing AECD's in a [guidance document released in June 2004](#).⁴

Even though EVCIS does not currently allow families subject only to 40 CFR Part 1043 to enter AECD information on-screen, all families (including EIAPP-only families) require disclosure and description of AECDs. For EIAPP-only families, this can be accomplished via submission of a separate document.

iii. Engine Configuration(s) Tab

- Information in this tab can also be submitted as a CSV file (although engine name, model year, and production dates must be entered manually first). For a copy of the CSV template, please see [the Marine CI support files page](#) and select "Configurations and Parts Template for Marine CI." Using a CSV template allows submitters to conveniently upload multiple engine configurations and a part list as one file.

⁴ See the "AECD Reporting Template," beginning on page 10 of CCD-04-12, June 15, 2004, "Nonroad Compression Ignited Engines: Guidelines on Reporting Maximum Allowable Off-cycle Emissions". If the linked URL takes you to the Search page, type 2004-12 in the Keyword Search field.

- Engine Configuration Name: Provide a name for your engine configuration. Please note that a single engine may have multiple configurations (e.g., a variable-speed mode and a fixed-speed mode), and each configuration can and should be given its own name and subsequent configuration details. The engine configuration names entered here will be printed on the EIAPP certificate, if applicable.
- Please note that the fuel rate at maximum torque (Data Element 119) and at rated speed (Data Element 120) have a character limit, and by extension, have a numerical limit of 99,999.9 mm³/stroke. If your values exceed this number, please enter 99999.9 for these data elements and then add a comment at the bottom of the General Information tab indicating the true value for each of these values.
- Please make sure to give complete and correct configuration information in compliance with [40 CFR Part 1042.140](#).

iv. Test Information Tab

- If entering test results for an engine in the current family, select option “C” (Data Element 154). Below, some elements of this option are described:
 - Engine Configuration Name (Data Element 155): The engine configuration of the test engine, please note that this information was entered in the model pages.
 - Originator Assigned Test Dataset ID Number (Data Element 158): The identification number assigned by the test originator (manufacturer, EPA lab) to this test data set.
 - Test Procedure Used (Data Element 336): More information on the required tests may be found in the document [“Marine CI Verify Module Revisions Explained” linked on this page](#).
 - Pre-Test Engine Run Time (Data Element 160): [See 40 CFR 1042.205\(f\)](#).
 - Test Engine Selection Justification (Data Element 161): Please see [40 CFR § 1065.401 Test engine selection](#) for more information on appropriate test engine selection.
 - Engine Operation Type (Data Element 166): Whether the tested engine configuration is a [variable](#) or [constant speed engine](#).
 - Special or Alternate Test procedure (Data Element 165): according to 40 CFR 1065.10, “the terms ‘special procedures’ and ‘alternate procedures’ have specific meanings; ‘special procedures’ are those allowed by [§ 1065.10\(c\)\(2\)](#) and ‘alternate procedures’ are those allowed by [§ 1065.10\(c\)\(7\)](#).”
 - Test Mode Type (Data Element 168): For more information on discrete-mode and ramped-modal duty cycles, see [40 CFR 1042.505](#). Note if pollutant emission rates are associated with an incorrect test mode, the system will calculate a false test result.
 - (i) For each mode, enter the appropriate identifier (each mode is required), indicate mode power (kW) and pollutant test results (including PM results, whether or not a PM standard applies to your engine). For more information on what test results are required, see [40 CFR 1042.205\(o\)](#).
- If entering a test which is already recorded in Verify/EV-CIS (Verify is another, older name for this EV-CIS subsystem), select “V” (Data Element 154) and copy the Carryover Test Dataset ID Number (Data Element 153) listed on the previous dataset.
- If entering a test which pre-dates Verify, option “P” (Data Element 154), you will need to enter similar information to entering the results of a newly reported test.

v. Adjustment Factors Tab

- Refer to [40 CFR 1042.525](#) for more information on Infrequent Regeneration Adjustment Factors (IRAF) in marine engine certification.
- ATD Name (MCI-142): The particular aftertreatment device to which this IRAF applies. If an adjustment factor is not going to be used, leave this field blank.
- Duty Cycle (MCI-144): the duty cycle used to obtain the test results subject to this IRAF.
- Engine Configuration(s) (MCI-145): the names of the engine configuration(s) that this IRAF applies to. To select multiple configurations, hold down the Ctrl key while selecting.
- Mode Identifier (MCI-146): This is the identifier for the test mode.

vi. Durability Information Tab

- For more information on determining deterioration factors, see [40 CFR 1042.240\(c\)](#)-(d), and, for Category 1 and 2 Engines, [40 CFR 1042.245](#). For Category 3 Engines, see [40 CFR 1042.240\(e\)](#). For more information on assigned deterioration factors for certain Tier 4 engines through model year 2026, see [40 CFR 1042.145\(n\)](#).
- As allowed in [40 CFR 1042.240\(c\)](#), [small-volume manufacturers](#) and [post-manufacture marinizers](#) may use deterioration factors established by the EPA. Please contact your certification representative for more information.

Section C describes features for use of an existing dataset and batch data submissions. To skip those, proceed to section D.

C. Alternate methods of data submission (using XML files with EV-CIS)

Manufacturers may also wish to upload engine family certification information from an existing XML file rather than a new blank one. An XML file, once accurately prepared, allows almost all certification data to be inputted into the EV-CIS system with only a few clicks. Since EV-CIS generates XML files from the submission of a valid dataset, this may also be useful to manufacturers who wish to use a previous submission as a starting point for a new submission. Just make sure to update all appropriate fields if you take this approach!

To upload an existing XML file containing certification information for one engine family, go to “Upload Existing Dataset” from the Marine Compression Ignition Homepage.

U.S. Environmental Protection Agency
EV-CIS: Engines and Vehicles - Compliance Information System
Logged in as: /manufacturer: ENVIRONMENTAL PROTECTION AGENCY - EPA (Logout)
EV-CIS Home > Marine Compression Ignition
Marine Compression Ignition

- Certification Information Submission
 - [Start New Dataset](#)
 - [Upload Existing Dataset](#)
 - [Submit Batch Dataset](#)
 - [Request Dataset Report](#)
 - [Delete Dataset](#)
- [Upload Certification Documents](#)
- [Maintain Manufacturer Information](#)

You are in an encrypted secure session.

Help Desk: (888) 890-1995 Email: evcishelpdesk@epacdix.net
[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)
URL: <http://www.epa.gov/epahome/usenotice.htm>

You can then select a locally saved file. Once you have selected a file from “Choose File,” click on “Open Existing Dataset” to edit that data to save as a new or updated engine family.

To upload a batch XML dataset:

- Go to the homepage for Marine Compression Ignition and select “Submit Batch Dataset”
- This may be an attractive option for manufacturers who certify multiple engine families and who have experience working with XML files.

The screenshot shows the EV-CIS: Engines and Vehicles - Compliance Information System homepage. The page header includes the U.S. Environmental Protection Agency logo and the text "U.S. Environmental Protection Agency". The main heading is "EV-CIS: Engines and Vehicles - Compliance Information System". Below this, there is a navigation bar with "EV-CIS Home > Marine Compression Ignition" and "Logged in as: /manufacturer: (Logout)". The main content area is titled "Marine Compression Ignition" and contains a list of options:

- Certification Information Submission
 - [Start New Dataset](#)
 - [Upload Existing Dataset](#)
 - [Submit Batch Dataset](#) (circled in green)
 - [Request Dataset Report](#)
 - [Delete Dataset](#)
- [Upload Certification Documents](#)
- [Maintain Manufacturer Information](#)

Below the list, there is a red message: "You are in an encrypted secure session." and contact information for the Help Desk: (888) 890-1995, Email: evcishelpdesk@epaodx.net, EPA Home | Privacy and Security Notice | Contact Us, and URL: http://www.epa.gov/epahome/usenotice.htm. A timer in the bottom left corner shows 59:34 and a link to "Click here to reset timer".

For more information on the XML files that can be used for batch data submission, view [System Documentation for Marine Compression-Ignition \(CI\) Engines | US EPA](#).

D. Review and submit completed data.

Once all data is entered, scroll down to the bottom of the page to submit your engine family data.

The screenshot shows the bottom of the EV-CIS page. On the left, there is a timer showing 58:56 and a link to "Click here to reset timer". In the center, there is a "Return to Form" button. On the right, there is a "Submit" button circled in green. Below the buttons, there is a red message: "You are in an encrypted secure session." and contact information for the Help Desk: (888) 890-1995, Email: evcishelpdesk@epaodx.net, EPA Home | Privacy and Security Notice | Contact Us, and URL: http://www.epa.gov/epahome/usenotice.htm.

You will see a confirmation screen like the one below, whether or not your submission was accepted by the system. Under most circumstances, the data you submitted will also automatically download as an XML file at this time. Save this file in a safe location for your records.

The screenshot shows the 'MCI Certification Information Submission' confirmation page. At the top, it displays the EPA logo and the system name 'EV-CIS: Engines and Vehicles - Compliance Information System'. A navigation breadcrumb trail reads: 'EV-CIS Home > Marine Compression Ignition > Certification Information Submission > Review > Finalize'. The user is logged in as 'Manufacturer: ENVIRONMENTAL PROTECTION AGENCY - EPA'. A sidebar on the left contains links for 'About CDX', 'MyCDX', 'Inbox', 'Change Password', 'Frequently Asked Questions', 'Help & Support', 'CDX Home', and 'Terms & Conditions Logout'. The main content area features a 'Submission Summary' table:

Submission Summary	
Transaction ID	_67e138a0-7e75-425d-b038-760b54126364
Date	03/20/2024
Manufacturer	ENVIRONMENTAL PROTECTION AGENCY (EPA)
Process Code	N
Engine Family Name	NEPAN0106HF2
Model Year	2022

Below the table are three buttons: 'Review', 'Upload Certification Documents', and 'Return'. A red message states 'You are in an encrypted secure session.' At the bottom, there is contact information for the Help Desk: (888) 890-1995, Email: evcishelpdesk@epacdx.net, and links for 'EPA Home', 'Privacy and Security Notice', and 'Contact Us'. The URL is http://www.epa.gov/epahome/usenotice.htm.

Although you can upload certification documents at this time using the button towards the bottom of the screen, documents can also be uploaded for any family at any time using the document upload module described below in Section 2. The steps to upload documents are the same.

Hit "Return" to return to the marine compression ignition home page.

Be sure to check that your submission was successful! To do this, please go to your CDX Inbox.

Accessing the inbox can be done from the sidebar or from your "MyCDX" homepage.

The screenshot shows the 'CDX Central Data Exchange' 'Inbox' page. The EPA logo and 'United States Environmental Protection Agency' are at the top. A navigation menu includes 'Home', 'About', 'Recent Announcements', 'Terms and Conditions', 'FAQ', and 'Help'. The main header shows 'CDX Central Data Exchange' with a 'Contact Us' link and 'Logged in as' information. Below the header are tabs for 'MyCDX', 'Inbox' (highlighted with a red box), 'My Profile', 'Submission History', and 'Payment History'. The 'Services' section contains a table with two entries:

Status	Program Service Name	Role
	EV-CIS: Engines and Vehicles - Compliance Information System	CROMERR Signer
	EV-CIS: Engines and Vehicles - Compliance Information System	Submitter

Buttons for 'Add Program Service' and 'Manage Your Program Services' are located below the table. To the right, the 'CDX Service Availability' section states 'See the status for all program services', and the 'News and Updates' section states 'No news/updates.' The footer includes the CDX Help Desk: 888-890-1995 | (970) 494-5500 for International callers, and links for 'EPA Home', 'Privacy and Security Notice', 'Accessibility', 'About CDX', 'Frequently Asked Questions', 'Terms and Conditions', and 'Contact Us'.

There, you will find messages indicating whether your submission was rejected or accepted.

The screenshot shows the EPA CDX Central Data Exchange interface. At the top, there is the EPA logo and navigation links: Home, About, Recent Announcements, Terms and Conditions, FAQ, and Help. Below this is the CDX Central Data Exchange header with a 'Contact Us' link and 'Logged in as I' status. The main navigation includes MyCDX, Inbox (selected), My Profile, Submission History, and Payment History. The inbox displays 22 items, with the first 20 shown. The table has columns for From, Subject, and Received. The message 'Submission Accepted. EPA MCI Certification Information NEPAN0106HF2' is highlighted with a red box.

<input type="checkbox"/>	From	Subject	Received
<input type="checkbox"/>	Verify Administrator	Request for Certificate for NEPAN0106HF2 Received	3/20/2024 1:43:20 PM
<input type="checkbox"/>	Verify Administrator	Submission Rejected. EPA MCI Certification Information NEPAN0106JM2	3/20/2024 11:31:03 AM
<input type="checkbox"/>	Verify Administrator	Submission Rejected. EPA MCI Certification Information NEPAN0106HF2	3/20/2024 11:18:01 AM
<input type="checkbox"/>	Verify Administrator	Submission Accepted. EPA MCI Certification Information NEPAN0106HF2	3/20/2024 11:16:19 AM
<input type="checkbox"/>	Verify Administrator	Certificate Request for EPA Engine Family NEPAN0106HF1 Issued	3/5/2024 4:02:41 PM
<input type="checkbox"/>	Verify Administrator	Request for Certificate for NEPAN0106HF1 Received	3/5/2024 3:17:55 PM

If your submission was accepted, you may proceed to Step 2 (submitting documents). If your submission was rejected, you must investigate why this happened and take steps to fix any problems and resubmit a corrected dataset. This process must be repeated until your submission is accepted. Please disregard the small print in the email from the Verify Administrator suggesting you will be notified if additional action is needed, as that would be incorrect.

To view why a submission was rejected, open the message (by clicking on “Verify Administrator” next to the message of interest), and click on the xml file located under “Returned Documents” at the bottom of the page.

(Please note that by opening and then saving the .xml file listed under “Submission” at the top of the page, this file can be reused in the “upload existing dataset” step shown above on page 13.)

U.S. Environmental Protection Agency

Verify (CDX): Submission Status

MyCDX > Verify (CDX) Submission Status

Logged in as: [Name] (Logout)

The status of your submission is shown below:

- Submission
 - Document Name: [MarineCompressionIgnitionSubmission.xml](#)
 - Transaction Id: _e30b241a-1dd5-4081-a2e0-bb48c2469bbc
 - Date Originally Submitted: 03/20/2024
- Status History

Date	Status	Description
Wed 03/20/2024 11:18 AM	Completed	<p>Your recent MCI Certification Information submission has been received by the EPA and you will be notified if any additional actions on your part are required. A Submission Processing Report and any requested dataset reports can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message.</p> <p>The following is a summary of the processing report:</p> <p>Total Datasets Submitted: 1 Accepted Datasets: 0 Rejected Datasets: 1</p> <p>Returned Documents</p> <ul style="list-style-type: none"> SubmissionProcessingReport.xml <p>Back To Inbox</p>

You are in an encrypted secure session.

Help Desk: (888) 890-1995 Email: evcishelpdesk@epacdx.net
[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://www.epa.gov/eaahome/usernotice.htm>

Near the end of the XML file, the reason for rejection will be listed in business rule form (in the example below, MCI-BR001) with related data elements listed (e.g., MCI-2). To see additional information about each business rule and data element, refer to the documents “Data Requirements for Marine CI” and “Business Rules for Marine CI” on the [Marine CI system documentation webpage](#). For further assistance understanding and resolving error messages, EPA has an EVCIS help desk staffed to field questions about our engine certification modules, including questions about business rules that fire and cause a submission to be rejected: evcishelpdesk@epacdx.net.

Transaction Status Details

Transaction Status Identifier : REJECTED
Transaction Message Text : MCI-BR001 - If Process Code (MCI-2) equals 'N' (New Submission), then an active dataset must not exist in Verify for this EPA Engine Family Name (MCI-4) and Model Year (MCI-3).

In the example above, the submission was rejected because it was listed as a “new submission” even though an engine family with that same name and model year had already been submitted and accepted.

2. Submitting required documents

In addition to the data entered in Step 1, additional information is required for certification. This information should be submitted via the “Upload Certification Documents” function in EV-CIS. This section outlines the document submission process.

The below table summarizes some documents that are required as part of most applications for certification. Some documents are conditionally required. Please consult the regulations cited in the table below and the [EVCIS Request for Certificate Business Rules](#) for more information about which engine families may omit certain documents. Note that documents can and should also be used to include any information required in support of your certificate that is not already entered into EV-CIS via the modules shown in Section 1.

Table 1. Documents that may be required for marine CI certification

Document Type	Required by the EV-CIS system when...	Please refer to...
Adjustable Parameter Information	If you indicated that your engine family has Adjustable Parameters and you elected to describe them in a separate document (rather than on-screen) (MCI-243 is Yes), you must include an Adjustable Parameter Document.	40 CFR 1042.115(d) and 40 CFR 1068.50
Auxiliary Emissions Control Device (AECD) Information	If you indicated that your engine family has AECD's and you elected to describe them in a separate document (rather than on-screen) (MCI-242 is Yes), then you must include an “Auxiliary Emissions Control Device (AECD) Information” document.	40 CFR 1042.205(b)
Durability/Deterioration Factor (DF) Report	If you are requesting a Certificate of Conformity, and you are not a reflagger (MCI-325 is No), then you must include a “Durability/Deterioration Factor (DF) Report” document.	40 CFR 1042.245
Installation Instructions	If you are requesting a Certificate of Conformity, someone else will install your engines in a vessel, you are not a reflagger, and the engine type is not Remanufacture system based on Locomotive (RL), you must include the installation instructions you will give to the installer as a document with your application.	40 CFR 1042.130
Maintenance Instructions	If you are requesting a Certificate of Conformity, you are not a reflagger, and the engine type is not RL, you must include the maintenance instructions you will give to the ultimate purchaser as a document with your application.	40 CFR 1042.125
Mode Cap Compliance Description	For EIAPP certificates: If you are certifying to Tier III of Annex VI (MCI-17), and you are not using Discrete-Modal Testing (Test Mode type MCI-168 is Ramped), you must include a “Mode Cap Compliance Description” document.	40 CFR Part 1043
Not To Exceed (NTE) Documentation	If you are requesting a Certificate of Conformity, you are not a reflagger, and you are certifying a Category 1 or Category 2 engine that is not a remanufacture system, you must include Not To Exceed (NTE) documentation	40 CFR 1042.101(c)(1)(i) and 40 CFR 1042.515

Document Type	Required by the EV-CIS system when...	Please refer to...
	demonstrating compliance with the requirements of 40 CFR Part 1042.	
NOx Technical File	If you are requesting an EIAPP certificate, you must include a “NOx Technical File” Document.	40 CFR Part 1043
Sample Label Language	If you are requesting a Certificate of Conformity, you are not a reflagger, and the engine type is not RL, you must include sample emissions label language as a document with your application.	40 CFR 1042.135 ; other provisions such as 40 CFR 1042.145(j) or 40 CFR 1042.605(e) or 40 CFR 1042.650(d)(4) apply to particular types of engines and vessels
Warranty Statement	If you are requesting a Certificate of Conformity, you are not a reflagger, and the engine type is not RL, you must include a copy of your warranty statement as a document with your application.	40 CFR 1042.120

The above table is intended to be helpful, but it is not definitive or exhaustive. Please be sure to include all required information in your application for certification and review all applicable portions of the CFR while preparing your application.

[Additional documentation on the EV-CIS document types is available online](#), and step-by-step instructions for uploading documents are included below.

Documents uploaded using the below instructions can be associated with multiple engine families, which can be useful if the document is reused for related engine families (e.g., a common warranty may apply across families, or two closely related engine families may share an AECD disclosure document.)

- A. As an approved submitter, sign into [EV-CIS](#) through CDX.
- B. Select the submitter role.

- C. Select "Upload Certification Documents."

D. Enter each type of document that you will need for your certification applications. Assign them to specific engine families using the engine family names; or, if they will be used for many engine families, you may select multiple families using “multiple engine families/test groups.” Multiple documents may be uploaded at once using the “add” button. Be sure to select “CBI” (Confidential Business Information) as the confidentiality status for any document you would not want publicly disclosed, such as in a Freedom of Information Act (“FOIA,” commonly, here “FOI”) request.

When finished, select “Review & Submit.”

U.S. Environmental Protection Agency
EV-CIS: Engines and Vehicles - Compliance Information System

EV-CIS Home > Marine Compression Ignition > Certification Documents Upload

Upload Marine Compression Ignition Certification Documents

Use this page to submit your documents pertaining to general data or specific Engine Family data. You can upload multiple files at a time.

The document file name must not contain the substring '_', must not end with a space or period, and must not contain the following characters: < > : " / | ? * , ' ' & =

Document Applicability : One Engine Family/Test Group

Engine Family/Test Group : ENGINEFAMILY

Model Year : 2027, 2026, 2025

Due to memory and file size constraints the total size of all the files to be uploaded should not exceed 100MB.

Document #1

Delete

Document Type : Auxiliary Emissions Control Device (AECD) Information

Confidentiality Status : CBI

Local File : Example.pdf

+ Add

Review & Submit

You are in an encrypted secure session.

Help Desk: (888) 890-1995 Email: evcihelpdesk@epacdx.net
[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)
 URL: <http://www.epa.gov/epahome/usenotice.htm>

E. You will see a confirmation like the one below. Hit “Submit” once again to finalize your upload.

U.S. Environmental Protection Agency
EV-CIS: Engines and Vehicles - Compliance Information System

EV-CIS Home > Marine Compression Ignition > Certification Documents Upload > Review

Upload Marine Compression Ignition Certification Documents

Industry: Marine Compression-Ignition Engines

Document Applicability: One Engine Family/Test Group

Engine Family/Test Group: ENGINEFAMILY

Model Year: 2025

Document Information:

Document Type: Auxiliary Emissions Control Device (AECD) Information

Confidentiality Status: CBI = Confidential Business Information

Name of File to be uploaded: Example.pdf

Document Type: NOx Technical File

Confidentiality Status: CBI = Confidential Business Information

Name of File to be uploaded: NOx Tech Data.txt

Return

Submit

You are in an encrypted secure session.

Help Desk: (888) 890-1995 Email: evcihelpdesk@epacdx.net
[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)
 URL: <http://www.epa.gov/epahome/usenotice.htm>

F. You will receive a message in your CDX Inbox indicating whether the submission was accepted or rejected.

3. Formally request certification (CROMERR Signer)

A formal, signed request for certification must be completed before EPA can act to approve or deny your application. This step must be done after all information is completed in the engine family submission as indicated above (including uploading required documents).

Additional, regularly updated [documentation on the business rules that apply to the requests-for-certificate submitted by CROMERR signers](#) can be found online. This information can be used to help troubleshoot any errors that emerge during the signing process.

- A. As an approved CROMERR Signer, sign into [EV-CIS](#) through CDX. Your status as a CROMERR Signer means you will be taking legal responsibility for the accuracy and completeness of the application for certification.

- B. Select the CROMERR Signer role.

The screenshot shows the EPA CDX Central Data Exchange user interface. At the top left is the EPA logo and the text "United States Environmental Protection Agency". A navigation bar contains links for Home, About, Recent Announcements, Terms and Conditions, FAQ, and Help. Below this is the CDX logo and the text "Central Data Exchange". On the right side, there are links for "Contact Us" and "Logged in as (Log out)". A secondary navigation bar includes "MyCDX", "Inbox", "My Profile", "Submission History", and "Payment History". The main content area is divided into three sections: "Services", "CDX Service Availability", and "News and Updates". The "Services" section contains a table with columns for Status, Program Service Name, and Role. The "Role" column for the first entry, "EV-CIS: Engines and Vehicles - Compliance Information System", has the role "CROMERR Signer" highlighted with a red circle. The "CDX Service Availability" section has a link "See the status for all program services". The "News and Updates" section displays "No news/updates.". At the bottom of the Services section are two buttons: "Add Program Service" and "Manage Your Program Services".

Status	Program Service Name	Role
	EV-CIS: Engines and Vehicles - Compliance Information System	CROMERR Signer
	EV-CIS: Engines and Vehicles - Compliance Information System	Submitter

C. Select "Request Certificate or CSI Update"

EV-CIS Home

What would you like to do?

59:42
Click here to reset timer

Maintain
Manufacturer Information

Submit
Certification Information

Request Certificate
or CSI Update

D. Fill in the requested information, selecting "Request for New Certificate" as the process code and including the engine family name associated with the submission, then select next. (For more details on requesting an amended certificate, please see page 29.)

EV-CIS Home

← Request for Certificate

1 Identify 2 Documents 3 Statements 4 Confirm 5 eSignature 6 Complete

General Information

Process Code * Request for New Certificate

Industry * Marine Compression-Ignition Engines


Model Year (YYYY) *

Requested Certificate Type * Select Certificate Type

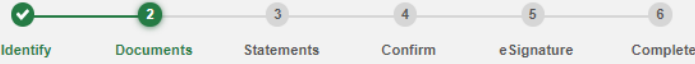
EPA Engine Family Name *

Next →

- E. Select the relevant documents needed to support your application for certification. All previously uploaded and accepted documents associated with the named family will appear on screen. Please note you need to select all documents that are required for a complete application, regardless of which process code you select. Please do not select draft documents that have been superseded. If you find you need to upload additional documents, please exit this request, and see the instructions above (documents cannot be added from this screen).

 **EV-CIS** Engines and Vehicles - Compliance Information System
My CDX CDX Inbox

← Request for Certificate



58:54
Click here to reset timer

– Review Industry Information
Hide

Process Code Request for New Certificate	Industry Marine Compression-Ignition Engines
Model Year 2022	EPA Engine Family Name NEPAN0106HF1
Requested Certificate Type EIAPP Certificate Only	

Certification Documents

Select the document(s) below by clicking the checkbox or box area. Sort the document(s) by clicking the ▲ up arrow (ascending) and the ▼ down arrows (descending). You can open the documents by clicking the file name or document title in bold text.

Filter

File Name	Document Title	Document Type	Date
<input checked="" type="checkbox"/> 2004 AECD Template.pdf	ENVIRONMENTAL PROTECTION AGENCY2022Compliance Document DataNEPAN0106HF1	Auxiliary Emissions Control Device (AECD) Supplemental Information	02/28/2024
<input checked="" type="checkbox"/> CSI-NEPAN0106HF1.pdf	CSI-NEPAN0106HF1.pdf	CSI Report	02/28/2024
<input type="checkbox"/> DF Report.txt	ENVIRONMENTAL PROTECTION AGENCY General Applicability Compliance Document Data	Durability/Deterioration Factor (DF) Report	09/07/2023

- F. Review your information again. Select the date on which you intend to introduce the engine into US commerce. Note that requests for certificate should be submitted at least 60 days prior to your intended Commerce Introduction date to allow time for EPA review. For engines on reflagged vessels, the date to enter is the date when the vessel is anticipated to first sail in US waters under US flag. For EIAPP-only requests, this field is optional.

Certify that you comply with each applicable regulation. Those who are applying only for an EIAPP certificate do not need to certify that their engines comply with the Clean Air Act (Certification Statement 2). For additional guidance on which certificates you must apply for, please refer to [“Engines and Vehicles – Compliance Information System \(EV-CIS\) Marine CI Module Revisions – Explained”](#) (PDF).

These statements are legal attestations, and making false statements here may carry penalties under the law.

Hit “Review” to proceed.

Certification Statements

1. Introduction to Commerce Date

2. I unconditionally certify that this test group/engine family/vehicle family/evaporative family complies with the requirements of its corresponding part, other referenced parts of the CFR and the Clean Air Act. *

3. I unconditionally certify that this marine engine family complies with the NOx requirements of part 1043, 33 U.S.C. 1901-1915, and Regulation 13 of MARPOL Annex VI, which references the NOx Technical Code as adopted by the International Maritime Organization (IMO). *

- G. Review the listed information one final time and select “Sign & Submit” to apply your legal signature to the certification application.

If you have not yet paid your certification fees, you may see a message indicating this fact. Certificates cannot be issued unless all appropriate fees are paid. The [Marine Compression Ignition Certification page](#) includes links describing fee payment at STEP 4. There can be considerable time delay in clearing of electronic fee payments, so prompt fee payment is good practice. Please contact your certification representative with any questions.

⚠ RFC-COMP-BR003 - Warning: There is an issue regarding the payment of the certification fee for the EPA Engine Family Name (RFC-5/RFC-6) and Model Year (RFC-4) which may delay your certificate request. Please contact your EPA certification representative for more information. ✕

Review & Confirm

– Review Industry Information Hide

<p><small>Process Code</small> Request for New Certificate</p>	<p><small>Industry</small> Marine Compression-Ignition Engines</p>
<p><small>Model Year</small> 2022</p>	<p><small>EPA Engine Family Name</small> NEPAN0106HF2</p>
<p><small>Requested Certificate Type</small> EIAPP Certificate Only</p>	

– Review Certification Documents Hide

<small>File Name</small>	<small>Document Title</small>	<small>Type</small>	<small>Date</small>
NOx Tech.txt	EPA General Applicability Compliance Document Data	NOx Technical File	10/21/2021
CSI-NEPAN0106HF2.pdf	CSI-NEPAN0106HF2.pdf	CSI Report	03/20/2024

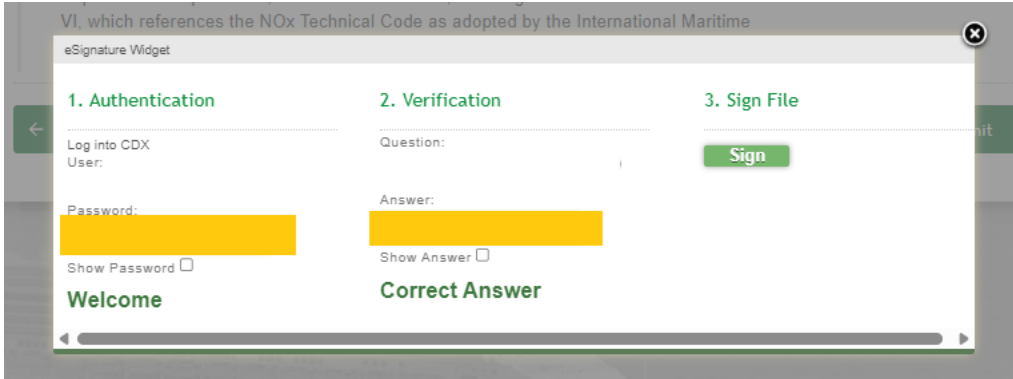
– Review Certification Statements Hide

1. Introduction to Commerce Date **03/27/2024**
2. I unconditionally certify that this test group/engine family/vehicle family/evaporative family complies with the requirements of its corresponding part, other referenced parts of the CFR and the Clean Air Act. **Not Applicable**
3. I unconditionally certify that this marine engine family complies with the NOx requirements of part 1043, 33 U.S.C. 1901-1915, and Regulation 13 of MARPOL Annex VI, which references the NOx Technical Code as adopted by the International Maritime Organization (IMO). **I Agree**

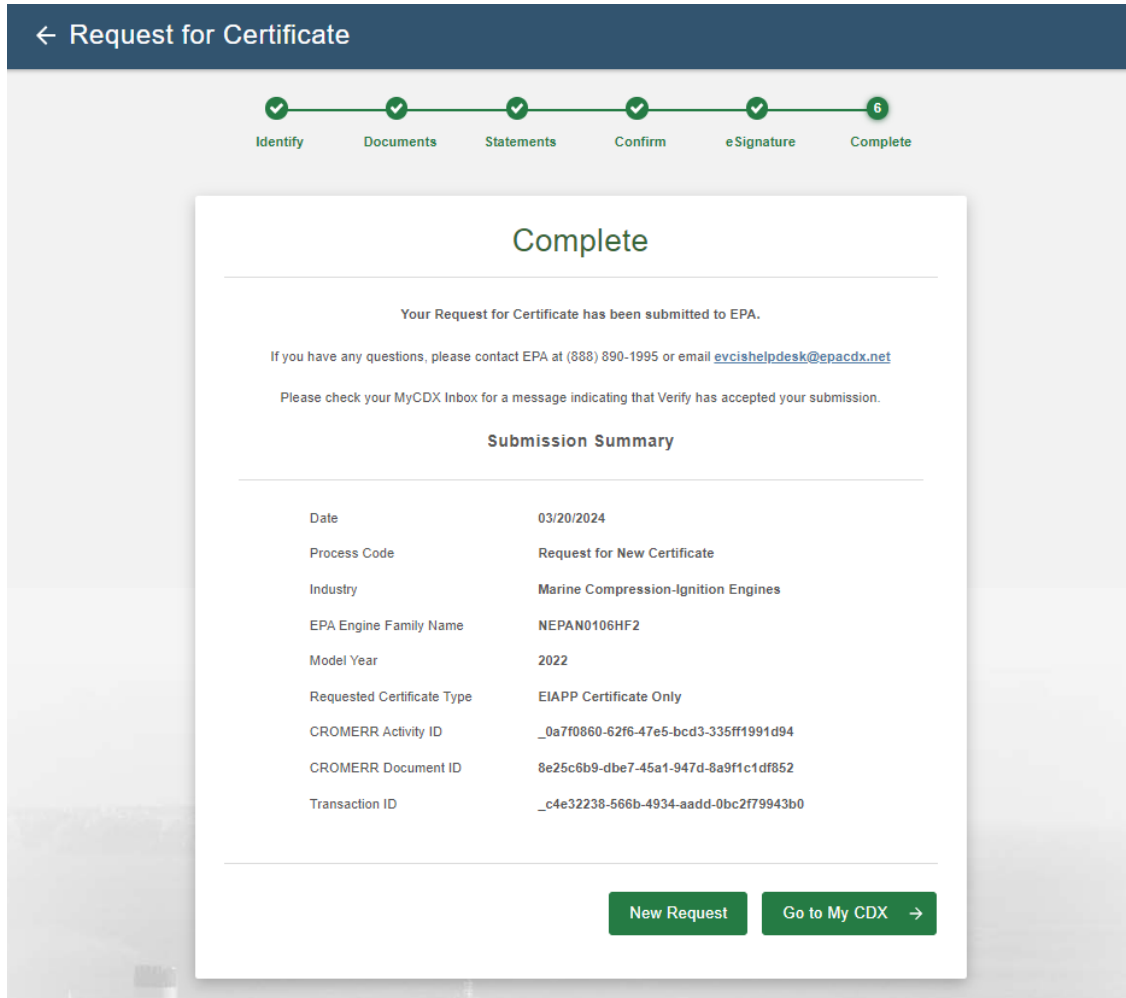
← Back

Sign & Submit

- H. You will be asked to enter your password and answer a security question before you can complete your signature.



- I. Once you sign, you will be brought to a confirmation page. Please save your activity and document IDs for your records. You will also receive an email confirming that you have submitted your request for certificate.



- J. If your application is found to meet the applicable requirements and your application is approved by the EPA, the CROMERR signer will receive a message in their CDX inbox indicating the certificate has been issued.

MyCDX **Inbox** My Profile Submission History Payment History

Certificate Request for EPA Engine Family NEPAN0106HF1 Issued

From Verify Administrator

Date 3/5/2024 4:02:41 PM

Marine Compression-Ignition Engines Certificate Number NEPAN0106HF1-018 for Engine Family NEPAN0106HF1 has been issued. A copy of the signed certificate is attached below. If you would like to have the certificate in an alternate 508 Compliant PDF format, please contact the Verify Help Desk.

Transaction Identifier: _7ffe640c-3030-4fab-ade5-8f2eac671065

Click [here](#) to view the status history.

Thank you for submitting your request to Verify via CDX.

[Back to Inbox](#) [Print](#) [Delete](#)

Click on the circled link to be brought to a page where your certificate can be downloaded. The link to your certificate will be at the bottom of the page under “Returned Documents” along with a copy of the form information you submitted as part of your certification application.

U.S. Environmental Protection Agency

Verify (CDX): Submission Status

MyCDX > Verify (CDX) Submission Status Logged in as: [Logout](#)

The status of your submission is shown below:

- Submission
 - Document Name: [RequestForCertificateSubmission.xml](#)
 - Transaction Id: _7ffe640c-3030-4fab-ade5-8f2eac671065
 - Date Originally Submitted: 03/05/2024
- Status History

Date	Status	Description
Tue 03/05/2024 3:17 PM	Completed	The Marine Compression-Ignition Engines Request for Certificate for EPA Engine Family Name NEPAN0106HF1 has been successfully signed and submitted to EPA. You can view the signed Request for Certificate package through the Submission History link on your MyCDX page or by using the link below. Contact your EPA compliance representative for additional information. https://test.epa.gov/verify/submitter/details/details/09131af4-e578-449d-bd11-0d70bfb200
Tue 03/05/2024 4:02 PM	Completed	Marine Compression-Ignition Engines Certificate Number NEPAN0106HF1-018 for Engine Family NEPAN0106HF1 has been issued. A copy of the signed certificate is attached below. If you would like to have the certificate in an alternate 508 Compliant PDF format, please contact the Verify Help Desk.
- Returned Documents
 - [Cert_EIAPP_NEPAN0106HF1-018.pdf](#)
 - [Cert_NEPAN0106HF1-001.pdf](#)
 - [Cert_EIAPP_Alternate_View_NEPAN0106HF1-018.xml](#)

[Back To Inbox](#)

You are in an encrypted secure session.

4. Amending an existing request for certification

This section explains how to amend an unlocked application for certification. If your certificate has been issued, or you have not yet signed your application for certification, your dataset will be unlocked. Please follow the directions below to make any needed amendments. If your application for certification is with the EPA pending review (is complete and CROMERR signed, but the certificate has yet to be issued), your dataset will be locked: please contact your certification representative for assistance.

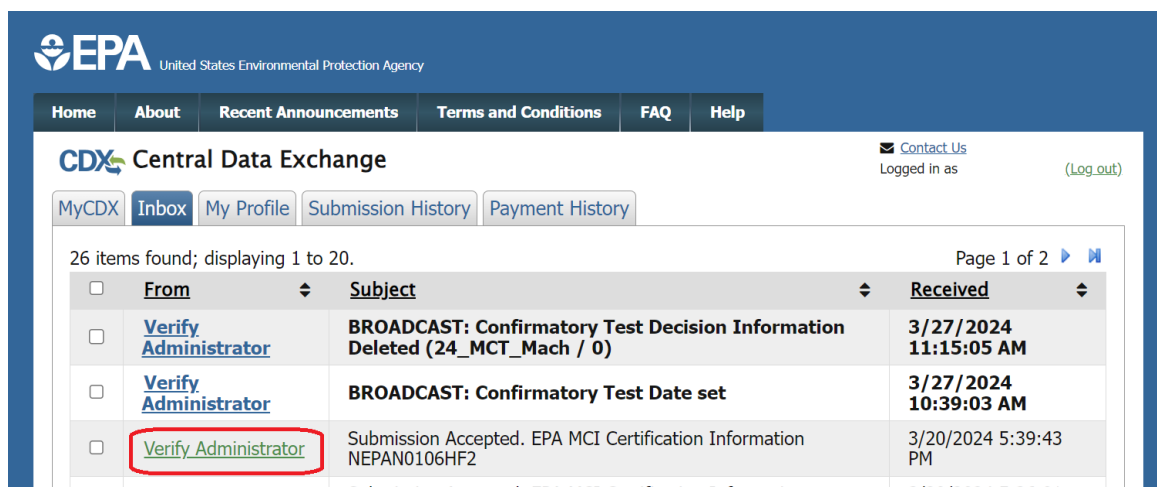
Manufacturers may realize after submission that their applications for certification were incomplete or are now otherwise incorrect (e.g., you now plan to add an additional engine configuration; you are changing the design of the engine). Applications must be amended if any changes occur with respect to any information that was or should have been included in your application. For more information, please see [40 CFR 1042.225](#) and [EPA's guidance letter on amending applications](#).⁵ If you are making changes to an EIAPP-certified engine, you may also wish to refer to [“Frequently Asked Questions About EPA-issued EIAPP Certificates”](#) (PDF).

EV-CIS also allows manufacturers to update their applications to fix errors (“Corrections”).

All amendments are subject to review by the EPA as described [in 40 CFR 1042.225\(d\)](#).

A. Open the previously submitted dataset in EV-CIS

- i. Locate and upload the XML file corresponding to your original application for certification. You may have saved this file when you originally submitted your application. If not, the file can be located by navigating to your submission confirmation in your CDX inbox and clicking on “Verify Administrator” next to the subject of the message.



The screenshot shows the EPA CDX Central Data Exchange interface. At the top, there is a navigation bar with links for Home, About, Recent Announcements, Terms and Conditions, FAQ, and Help. Below this, the CDX logo and 'Central Data Exchange' are displayed, along with a 'Contact Us' link and a 'Logged in as' status. The main content area shows a list of messages in an inbox. The messages are sorted by 'Received' date. The third message in the list has a 'Verify Administrator' link highlighted with a red box. The message details are as follows:

<input type="checkbox"/>	From	Subject	Received
<input type="checkbox"/>	Verify Administrator	BROADCAST: Confirmatory Test Decision Information Deleted (24_MCT_Mach / 0)	3/27/2024 11:15:05 AM
<input type="checkbox"/>	Verify Administrator	BROADCAST: Confirmatory Test Date set	3/27/2024 10:39:03 AM
<input type="checkbox"/>	Verify Administrator	Submission Accepted. EPA MCI Certification Information NEPAN0106HF2	3/20/2024 5:39:43 PM

⁵ See IACD-2024-03, April 8, 2024, “Amending Applications for Certification”. If the linked URL takes you to the Search page, type IACD-2024-03 in the Keyword Search field.

Next, open the link at the bottom of the message.

The following is a summary of the processing report:

Total Datasets Submitted: 1
Accepted Datasets: 1
Rejected Datasets: 0

Transaction Identifier: _d97959a4-2f17-4ece-b158-09c4144aad03

Click [here](#) to view the status history.

Thank you for submitting your request to Verify via CDX.

[Back to Inbox](#) [Print](#) [Delete](#)

Finally, select the link at the top of that page.

Verify (CDX): Submission Status

MyCDX > Verify (CDX) Submission Status Logged in as: [Logout](#)

The status of your submission is shown below:

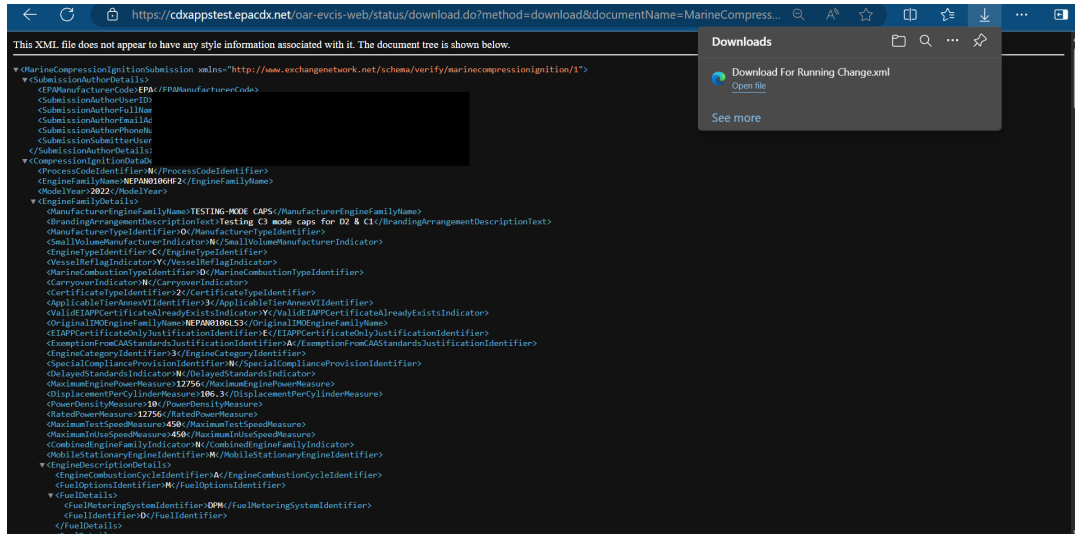
- Submission
 - Document Name: [MarineCompressionIgnitionSubmission.xml](#)
 - Transaction Id: _67e136a0-7e7c-4230-b036-760b94126394
 - Date Originally Submitted: 03/20/2024
- Status History

Date	Status	Description
Wed 03/20/2024 11:16 AM	Completed	Your recent MCI Certification Information submission has been received by the EPA and you will be notified if any additional actions on your part are required. A Submission Processing Report and any requested dataset reports can be found on the status history page. The status history page can be reached by clicking on the link near the bottom of this Inbox message. The following is a summary of the processing report: Total Datasets Submitted: 1 Accepted Datasets: 1 Rejected Datasets: 0
- Returned Documents
 - [CSI-NEPAN0106HF2.pdf](#)
 - [SubmissionProcessingReport.xml](#)


[Back To Inbox](#)

You are in an encrypted secure session.

Save the page that opens locally as a .xml file (press Ctrl+S in most browsers).



- ii. Go to the Marine Compression Ignition Homepage by following the initial steps (1A-1D) in “Submitting a new engine family for certification,” above. Select “Upload Existing Dataset.”



U.S. Environmental Protection Agency

EV-CIS: Engines and Vehicles - Compliance Information System

Logged in as, Manufacturer: ENVIRONMENTAL PROTECTION AGENCY - EPA ([Logout](#))

About CDX
MyCDX
Inbox
Change Password
Frequently Asked Questions
Help & Support
CDX Home
Terms & Conditions
Logout

Marine Compression Ignition

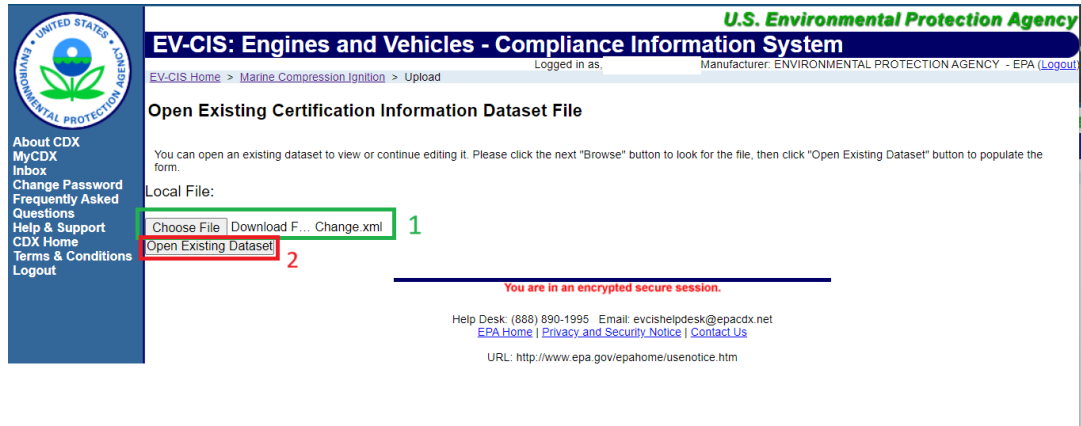
- **Certification Information Submission**
 - [Start New Dataset](#)
 - [Upload Existing Dataset](#)
 - [Submit Batch Dataset](#)
 - [Request Dataset Report](#)
 - [Delete Dataset](#)
- [Upload Certification Documents](#)
- [Maintain Manufacturer Information](#)

You are in an encrypted secure session.

Help Desk: (888) 890-1995 Email: evcishelpdesk@epacdx.net
[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://www.epa.gov/epahome/usenotice.htm>

- iii. First, upload the xml file by selecting it from “Choose File.” Then, click “Open Existing Dataset.”



- iv. Your data set will be re-opened.

B. Make the needed change

Please change the process code (MCI-2) to reflect the type of change you are making to the application.

i. **Correction:** correct an incorrectly entered value in your certification application (an update to an application that has not yet been signed, a modification to make an application more complete and true, or a fix for a typo).

- Select “C = Correction” as your Process Code (MCI-2).
- Correct the data as necessary.
- Describe the change you made in “Field Edits/Changes/Corrections” (Data Element 12), please be precise.

- Review your data and submit. The steps to do so are the same as those described above in Part 1, from the section “Submitting a new engine family for certification.”

The new .xml file will automatically download. Make sure to save it in a safe place!

- ii. **Running change:** a running change needs to be submitted if you are adding or changing an engine configuration for a current model year engine which has already been certified. See [40 CFR 1042.225\(a\)\(1\)](#).
- Select “R = Running Change” for the process code (MCI-2).
 - Enter the appropriate changes.
 - Describe the types of changes you have made in “Running Change Type” (Data Element 11) and describe the changes in “Field Edits/Changes/Corrections” (Data Element 12), please be precise.
 - Review your data and submit. The steps to do so are the same as those described above in Part 1, from the section “Submitting a new engine family for certification.”
- iii. **FEL Change:** in certain cases, you may request a change to the Family Emission Value Limit (FEL) after you start production. For more information, see [40 CFR 1042.225\(f\)](#) and [40 CFR 1042.725](#).
- Select “F = FEL Change” for the process code (MCI-2).
 - Enter the appropriate changes to the emissions values.
 - Describe your changes in “Field Edits/Changes/Corrections” (Data Element 12), please be precise.
 - Review your data and submit. The steps to do so are the same as those described above in Part 1, from the section “Submitting a new engine family for certification.”
- iv. **Field Fix:** Field fixes are changes made to an already-certified engine after the end of the model year, such as to issue a new engine software calibration, see [40 CFR 1042.225\(a\)\(2\)](#) for more information.
- Select “X = Field Fix” for the process code (MCI-2).
 - Enter the appropriate changes to the engine or part list.
 - Describe your changes in “Field Edits/Changes/Corrections” (Data Element 12), please be precise.
 - Review your data and submit. The steps to do so are the same as those described above in Part 1, from the section “Submitting a new engine family for certification.”

C. Sign the updated application. (CROMERR Signer)

Once the revised dataset is accepted, the CROMERR Signer will need to sign the application again before it goes to the EPA for review.

Follow the steps from Part 3 (page 22) to sign your amended application for certification.

On the general information page, pictured below, you will need to select the correct Process Code, either “Request for Revised Certificate” or “Request for CSI Update.”

If you are not sure what to select, please view your certificate (which is accessible from the message in your CDX inbox confirming the certificate was issued). If the information you are updating appears on the certificate, you will need to select “Request for Revised Certificate.” If the information was in the application but does not appear on the certificate, select “Request for CSI Update.” You may also wish to refer to the document [“Frequently Asked Questions About EPA-issued EIAPP Certificates”](#) (PDF), which answers several potential questions about updates to EIAPP certificates.

The screenshot shows the EPA EV-CIS interface for a 'Request for Certificate'. At the top, there is a navigation bar with the EPA logo, 'EV-CIS Engines and Vehicles - Compliance Information System', and links for 'My CDX' and 'CDX Inbox'. Below this is a breadcrumb trail: '← Request for Certificate'. A progress indicator shows six steps: 1. Identify (highlighted in green), 2. Documents, 3. Statements, 4. Confirm, 5. eSignature, and 6. Complete. On the left side, there is a timer showing '55:48' and a link to 'Click here to reset timer'. The main content area is titled 'General Information' and contains the following fields:

- Process Code *: A dropdown menu with 'Request for CSI Update' selected.
- Industry *: A dropdown menu with 'Marine Compression-Ignition Engines' selected.
- Model Year (YYYY) *: An empty text input field.
- EPA Engine Family Name *: An empty text input field.

Please make sure to select the new versions of any updated documentation.

Sign and submit your updated application.