

Heavy Duty Engines - Verify Module

Manufacturer Information Meeting

March 4, 2015



Agenda

- Introduction
- CROMERR and User Registration
- Certification Support Documentation
- Draft Engine Family Dataset Screen Shots
- Request for Certificate Process Information and Draft Screen Shots
- Manufacturer Testing plan
- Information Sources
- Questions
- Appendix A – Request a Manufacturer Code through Verify



INTRODUCTION



CROMERR AND THE USER REGISTRATION PROCESS



Cross-Media Electronic Reporting Rule (CROMERR)

- What is CROMERR?
 - CROMERR (40 CFR Part 3) provides the framework for electronic reporting for all of the Environmental Protection Agency's (EPA) environmental regulations.
 - CROMERR establishes standards for information systems that receive reports and other documents electronically.
- Whom does it affect?
 - Regulated entities that submit reports and other documents to EPA under Title 40 of the Code of Federal Regulations.
 - States, tribes, and local governments that are authorized to administer EPA programs under Title 40.
- How does Verify implement CROMERR?
 - Verify implements CROMERR through its Request for Certificate Module Verify-RFC.
 - Applications are deemed final when a manufacturer submits a Request For Certificate (RFC).
 - An authorized “CROMERR Signer” must electronically sign that submission.



Verify/CROMERR User Roles

Functional Roles	Description
Company Authorizing Official (CAO)	Individual(s) responsible for identifying, vouching for, and managing the "Verify submitters" and "CROMERR signers". Also referred to as the "Company Approving Official"
Verify Submitter	Submitters of application information to Verify's Heavy-Duty Engine module.
CROMERR Signer	Individual(s) taking legal responsibility for that final submission and/or requesting a certificate through the Request for Certificate module. (Could be the same person as the Verify submitter.)



User Registration Process

- Assumptions:
 - All Heavy-Duty Engine submitters are currently registered Verify users.
 - A CAO was previously identified in the CROMERR package submitted to EPA
- Manufacturers will have to identify
 - Verify Submitters
 - CROMERR Signers



What Your Company Needs to do?

- For Users requesting the Verify Submitter Role, the Company Authorizing Official (CAO) will need to:
 1. Create a sponsor letter for the Verify Submitter.
 2. Complete the User Information spreadsheet with the “Heavy-Duty Engines” role selected.
 3. Mail package to the Verify Team.

- For Users requesting the Request for Certificate CROMERR Signer Role, the CAO will need to:
 1. Create a sponsor letter for the CROMERR Signer.
 2. Complete the User Information spreadsheet with the “Heavy-Duty Engines” role and CROMERR Signer role selected.
 3. Have user complete a CROMERR Electronic Signature Agreement (ESA).
 4. Mail package to the Verify Team.



CERTIFICATION SUPPORT DOCUMENTATION



Certification Support Documentation

- Documentation for Heavy Duty Engines can be found at <http://epa.gov/otaq/verify/publications.htm#workdocuments>
 - Data Requirements (draft version on web)
 - Standards Decision Table (draft version on web)
 - Business Rules (draft version on web)
 - XML Schema (draft version on web)
 - Issue Tracker (coming in June)
 - CROMERR User Registration Information(on web)



Draft Screen Shot of General Info Tab

Engine Certification Information Submission

* or * = required field

+ = CTRL-click to select multiple values

? Help

General Information

Emission Control System

Models and Parts

Durability Information

Adjustment Factors

Test Information

General Information

EPA Manufacturer Code

EPA

Process Code* :

Select

Model Year* :

Select

EPA Engine Family Name* :

Manufacturer Engine Family Name :

Is this data being used as the basis for this application emission test data collected for a previous certified family?* :

Select

Carryover (Original) Engine Family Name :

Running Change Type+ :

- 1 = New ratings (Add new models/codes to list of models)
- 2 = Part numbers (Change, delete, or add additional, component part numbers.)
- 3 = Fuel rates (Revise fuel rates of a model.)
- 4 = Torques/ Powers/ Speeds (Revise torques or powers or speeds in list of models.)

Running Change Type(s) Description, if "Other" (4000 characters available)

Field Edits/Changes/Corrections (600 characters available)

Applicable Regulation* :

Select

Manufacturer Type* :

Select



Draft Screen Shot of General Info Tab (Continued)

List of engine families that are being modified, if any

OEM Engine Family Name	+ Add
	Delete

Alternate Trade Names (on Label)	+ Add
	Delete

Branding Arrangements (4000 characters available)

Intended Engine Application :

Certification Region Code* :

Intended Service Class* :

Since the engine family is being certified for use in all vehicles and is being certified to the emission standards applicable to Otto-cycle engines for use in vehicles with a Gross Vehicle Weight Rating over 14,000 pounds under the provisions of §86.091-10(a)(3), you need to indicate whether the engine family, together with all other engine families being certified under the provisions of §86.091-10(a)(3), will represent no more than 5 percent of model year sales of the manufacturer of all Otto-cycle heavy-duty engines for use in vehicles with Gross Vehicle Weight Ratings of up to 14,000 pounds.* :

Is this a reduced fee engine family (40 CFR Part 1027.120)? :

Applicable Evaporative Famil(ies)	+ Add
	Delete



Draft Screen Shot of General Info Tab (Continued)

CO2 Standard Type :
Alternate Tractor CO2 Standard :
Alternate Vocational CO2 Standard :
Is an alternative maintenance interval being used for this engine family? * :

Describe the alternate maintenance interval being used for this family (4000 characters available)

Family Certification Levels (FCL)

CO2 FCL for Transient Test Cycle :
CO2 FCL for Steady-State Test Cycle :
* Your CO2 FEL will automatically be set to 1.03 x FCL regardless of whether you are participating in the Averaging, Banking and Trading (ABT) program

Credit Balance Identifier* :

Averaging, Banking, and Trading (ABT) Information

Is this engine family participating in the Averaging, Banking, and Trading (ABT) program? :

Engine Description Information

Engine Combustion Cycle* :

Engine Combustion Cycle Description, if "Other" (4000 characters available)



Draft Screen Shot of General Info Tab (Continued)

Fuel Options* :

Fuel #1

Fuel* : Fuel, if "Other" :

Fuel Metering System Type* :

Fuel Metering System Type Description, if "Other" (4000 characters available)

Engine Description* (4000 characters available)

Useful Life Information

Is an alternate useful life being used?* :

Useful Life, if "Alternate" (500 characters available)

Useful Life of Engine Family :



Draft Screen Shot of General Info Tab (Continued)

Production Information

Projected Sales (FED)* :

Projected Sales (CA)* :

Total Projected Sales :

Estimated US Directed Vocation
Production Volume* :

Estimated US Directed Tractor
Production Volume* :

Estimated US Directed Parent Engine
Rating Production Volume* :

Production Start Date (MM/DD
/YYYY)*

Production End Date (MM/DD
/YYYY)*

Plant Address Identifier*+ :

Plant 1
Plant 2
Plant 3

US Agent for Service Identifier*+ :

Agent 1
Agent 2
Agent 3

No.	U.S. Port of Import Name*	City*	State*	+ Add
1	<input type="text"/>	<input type="text"/>	Select	Delete

Save Form

Review & Submit



Request for Certificate Process Information and Draft Screen Shots



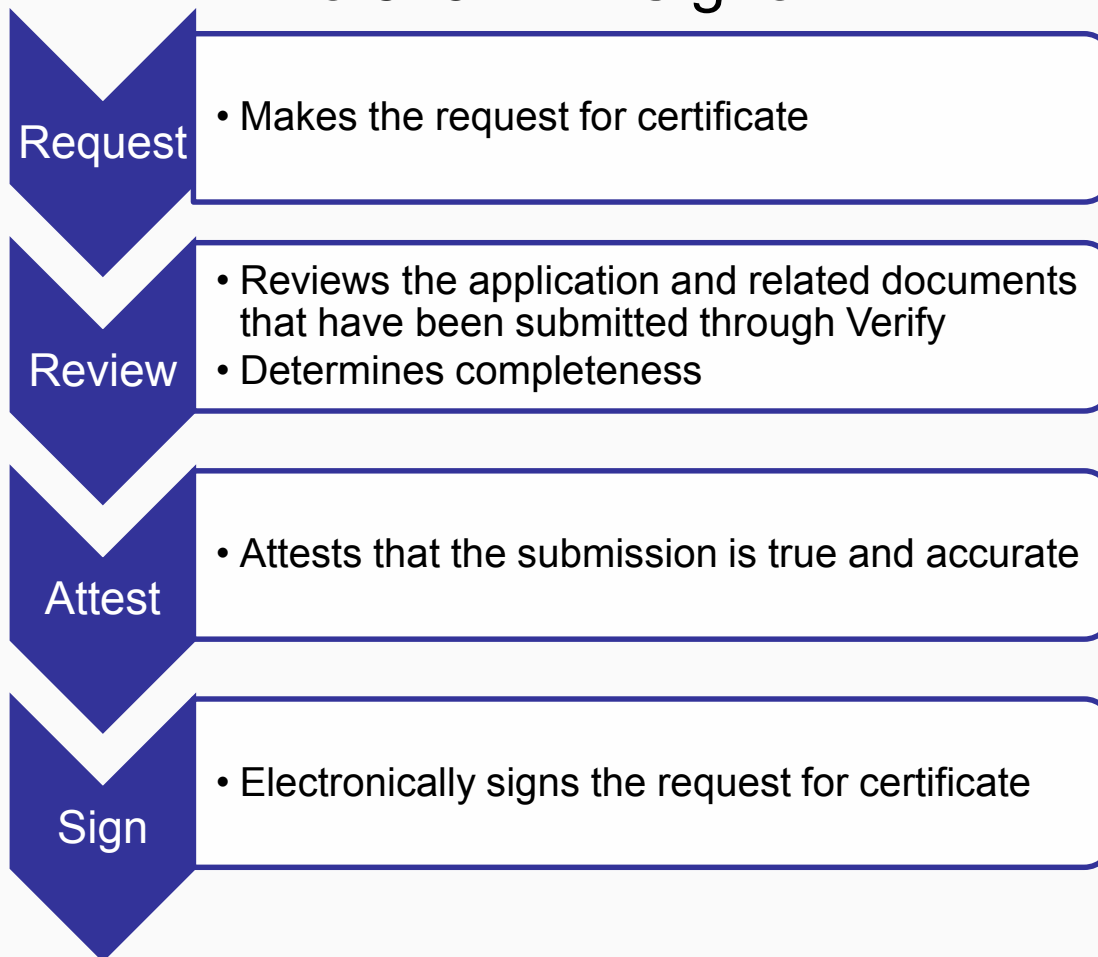
Request for Certificate Process

- Prerequisites
 - Engine Family Dataset for the family being certified must have been accepted by the system.
 - All of the required documents must have been submitted.
 - User must have the Verify Request for Certificate CROMERR Signer Role.



CROMERR Signer Role in Request for Certificate Module

The CROMERR Signer





Request for Certificate Process

CDX Home About CDX Recent Announcements Terms and Conditions FAQs Help

Logged in as MHEESEVRF (Log out)

Central Data Exchange

Contact Us

Last Login: 8/18/2014 9:46:58 AM

MyCDX | Inbox | My Profile | Reg Maint | Role Sponsorship | Submission History

Services

Manage Your Program Services

Status	Program Service Name	Role(s)
	Verify-RFC: Request an Engine, Vehicle or Component Certificate of Conformity (CROMERR)	CROMERR Signer

[Add Program Service](#)

News and Updates

No news/updates.

CDX Help Desk: 888-890-1995 | (970) 494-5500 for callers from Puerto Rico and Guam

EPA Home | About CDX | Frequently Asked Questions | Privacy and Security Notice | Terms and Conditions | Contact Us

From Your MyCDX page select the link for the CROMERR Signer Role



Request for Certificate Process

Enter the appropriate information for the family you want to certify.

EPA VERIFY ENGINE AND VEHICLE COMPLIANCE SYSTEM

My CDX CDX Inbox Welcome, SADDEPALLI2! Logout
Manufacturer: CSC

Request *for* Certificate

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

General Information

Process Code ★ Industry ★ Model Year ★

Request for New Certificate Heavy-Duty Highway Engines 2015

Engine Family (If Applicable)

Next →



Request for Certificate Process

Any errors with the information you entered will appear at the top of the screen. Correct the errors and click 'Next'.

EPA VERIFY ENGINE AND VEHICLE COMPLIANCE SYSTEM My CDX CDX Inbox Welcome, SADDEPALLI2! Manufacturer: CSC Logout

Request for Certificate

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

✘ RFC-GEN-BR002 - Engine Family/Test Group Name (RFC-5) is required for the selected Industry Name (RFC-3).

General Information

Process Code ★

Industry ★

Model Year ★

Engine Family (If Applicable)

Next →



Request for Certificate Process

EPA VERIFY ENGINE AND VEHICLE COMPLIANCE SYSTEM My CDX CDX Inbox Welcome, SADDEPALLI2! Logout
Manufacturer: CSC

Request for Certificate

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

Review Industry Information - Click to Hide Information

Process Code	Request for New Certificate	Engine Family	FCSCN9.520XL
Industry	Heavy-Duty Highway Engines		
Model Year	2015		

Compliance 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: CSI REPORT

CSI REPORT Clear

File Name ▲ ▼	Document Title ▲ ▼	Document Type ▲ ▼	Date ▲ ▼
<input checked="" type="checkbox"/> CSI-FCSCN9.520XL.pdf	CSI-FCSCN9.520XL.pdf	CSI REPORT	01/27/2015

Re-start Next

Select any documents that are related to the engine family. Certain documents may be required based on the details of the family you are certifying.



Request for Certificate Process

Enter the Introduction to Commerce Date and attest to any applicable Compliance Statements.

EPA VERIFY ENGINE AND VEHICLE COMPLIANCE SYSTEM My CDX CDX Inbox Welcome, SADDEPALLI2! Manufacture of C&C [Logout](#)

Request for Certificate

Identify Documents **Statements** Confirm eSignature Complete

Review Industry Information - Click to Hide Information

Process Code: **Request for New Certificate** Engine Family: **FC SCN9.520XL**

Industry: **Heavy-Duty Highway Engines**

Model Year: **2015**

Review Compliance Documents - Click to Hide Information

File Name	Document Title	Type	Date
CSI-FCSCN9.520XL.pdf	CSI-FCSCN9.520XL.pdf	CSI REPORT	01/27/2015

Compliance Statements

1. Introduction to Commerce Date

2. I unconditionally certify that this test group/engine family complies with all of its applicable regulations and the Clean Air Act.*

[Back](#) [Review](#)



Verify Manufacturer Testing Information

- If interested in participating in Verify testing, send an email to verify@epa.gov by May 1, 2015 with the following information:
 - Email Subject: Heavy Duty Engine Certification System Testing.
 - Submit your completed user registration form found at:
<http://epa.gov/otaq/verify/documents/cromerr-user-info-20141222.xls>.
- Testing will be held in June 2015.
- Follow-up meetings will be held on Tuesdays and Thursdays at 2PM EDT.
- Record any issues you find on the provided issue tracker spreadsheet.
- All issue trackers are due by 3PM EDT Mondays and Wednesday, but we prefer to have them sent on a daily basis so we can review any issues.
- Send issue trackers to verify@epa.gov and cc your Compliance Rep.
- If you have any problems during testing contact your Compliance Rep.
- Questions regarding testing
 - Contact Holly Pugliese at pugliese.holly@epa.gov



Information Sources

- Verify Website: www.epa.gov/otaq/verify
- Verify Listserver:
https://lists.epa.gov/read/all_forums/subscribe?name=verify
- Manufacturer Guidance letters:
www.epa.gov/dis



QUESTIONS



APPENDIX A- REQUEST A MANUFACTURER CODE



Request a Manufacturer Code through Verify

- To submit to Verify you must have a manufacturer code existing in Verify.
- The latest instructions to get a manufacturer code are posted at <http://www.epa.gov/otaq/verify/mfr-code.htm>.
- You can contact the Verify Helpdesk at verifyhelp@csc.com for additional assistance.