Engines and Vehicles – Compliance Information System (EV-CIS)

# Preview of New EV-CIS Compliance Testing Module

*November 5, 2025*

Disclaimer:

All content presented and discussed in this presentation is draft and subject to change.

# Agenda

- Background and Context
- Results of Lean Process
- Goals & Vision of Future Compliance Testing Module
- Overview of New Heavy-Duty Diesel In-Use (HDDIU) Process
  - Process for Completing In-Use Testing Reporting
  - Process for Notifying EPA that All In-Use Testing Requirements Have Been Completed

# Background and Context

- There is an ongoing effort to modernize EV-CIS and develop a comprehensive solution for compliance reporting.
- The Defects and Recalls and the Production Volume Reporting modules were the first compliance modules completed.
- Of the remaining compliance programs, our hypothesis has been that the reporting processes for the Production Line Testing (PLT), Selective Enforcement Auditing (SEA), and In-Use Testing (IUT) compliance programs are similar enough to be captured through a single module with compliance program-specific customizations as needed.
- EPA initiated a Lean process to test this hypothesis and to determine which module(s) should be next in line for completion.

# Results of Lean Process

- The Lean process revealed several limitations of the legacy compliance modules—
  - The technology is outdated
  - A large quantity of information related to compliance testing is being collected in EV-CIS, however:
    - The current system has very limited validation checks
    - Manual processes are used to track the status of manufacturer and EPA Testing
    - The same information is often submitted multiple times (e.g., Test Vehicle Information, Family Information)

# Results of Lean Process

- Our hypothesis, that the compliance programs are similar enough to be captured through a single module, was correct.
- As a result, EPA is creating a single EV-CIS Compliance Testing Module to collect PLT, SEA, and IUT reporting information.
- EPA decided to use Heavy Duty Diesel In-Use (HDDIU) as the pilot for this Compliance Testing Module.

# Goals

- Address shortcomings with the legacy HDDIU module and process such as new status fields and report types
- Lay the groundwork for the collection of all compliance testing program information through a single module
- Implement new in-use testing and reporting requirements from the Heavy-Duty 2027 Rule for Model Year 2027+
- Accommodate collection of pre-Model Year 2027 HDDIU files through the new module so that the old module can be decommissioned

# Vision for the New Compliance Testing Module

- Proposed features and benefits include:
  - Ability to submit all reports for manufacturer requests, EPA decisions, and other supporting documents related to compliance testing to improve data integrity and availability
  - New interfaces with updated designs to improve reporting, user experience, information management capabilities, and reduce manual steps
  - Improved validations and help text
  - New indicators and status fields to allow tracking of important testing requirements for manufacturers and EPA
  - New system-assigned values to help identify vehicles and tests
  - EV-CIS notifications to inform manufacturers and EPA of important actions/submissions to improve rates of compliance with reporting requirements
  - Reduce data entry burden and improve data integrity by referencing data previously submitted in the process

# Future Compliance Testing Module

## Compliance Testing Home Screen

Where manufacturers can view, create, and edit/revise reports for compliance testing.

Compliance Testing Home

View Compliance Testing Status of All Certified Families | Search

Create New | Export All | Print All

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | Waiting For EPA Review | SUBMITTED | Date Time | First Last Name |
| IUT-Request for Modified Testing/Reporting Requirements-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2024-0000001 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Plan-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2023-0000002 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Rejected Vehicles-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000003 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Usage History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000005 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Maintenance History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000006 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000007 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T01-01 | MFR Report Name | MFR-IUT-2024-0000008 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T02 | MFR Report Name | MFR-IUT-2023-0000009 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T02-02 | MFR Report Name | MFR-IUT-2024-0000010 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T03 | MFR Report Name | MFR-IUT-2023-0000011 | HDD | IUT | 2022 | Failure Reported | SUBMITTED | Date Time | First Last Name |
| IUT-Family Info-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000012 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Vehicle Info-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2024-0000013 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Engine Map Data-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2023-0000014 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Report-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000015 | HDD | IUT | 2022 | Complete (Pass) | SUBMITTED | Date Time | First Last Name |

## Compliance Testing Status of All Certified Families Screen

Where manufacturers can view compliance testing information from EPA for each Engine Family and alert EPA when all testing is completed.

Compliance Testing Status of All Certified Families

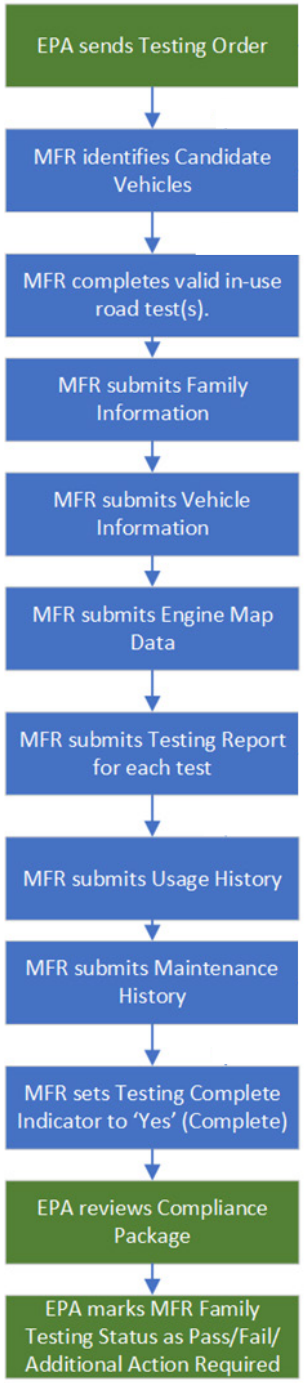
Search | HDD

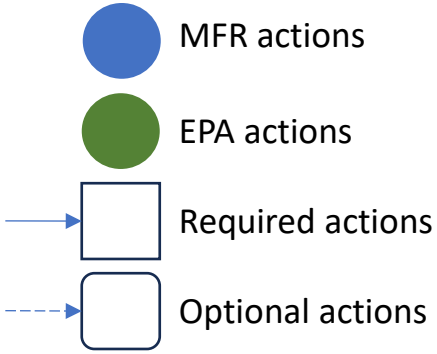
Return to Compliance Testing Home | Select Family For Testing

| Family Name | Model Year | Industry | Compliance Program | MFR Family Testing Status CR-?, CR-?, CR-? | MFR Family Testing Complete Indicator CR-?, CR-?, CR-? | Date Ordered/ Required/Selected for Testing CR-?, CR-?, CR-? | Reporting Deadline CR-? | # of Completed/Require Tests CR-?, CR-?, CR-? | Family Testing Failure Indicator CR-?, CR-?, CR-? | Waiver Requested? (Not For HDDIU) CR-?, CR-?, CR-? |
|---|---|---|---|---|---|---|---|---|---|---|
| RMFRH13.1ABC | 2022 | HDD | IUT | N/A | N/A | N/A | N/A | N/A | No | N/A |
| RMFRH13.1ABD | 2022 | HDD | IUT | Ordered | | 01/02/2023 | 07/01/2024 | 0 of 8 | No | N/A |
| RMFRH13.1XYX | 2019 | HDD | IUT | Ordered | | 01/02/2020 | N/A | 0 of 10 | No | N/A |
| RMFRH13.1XYZ | 2019 | HDD | IUT | Past Due | | 01/02/2020 | 07/01/2021 | 0 of 10 | No | N/A |
| RMFRH13.1GHI | 2019 | HDD | IUT | Waiting For EPA Review | | 01/02/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNP | 2019 | HDD | IUT | Additional Action Required | | 07/15/2024 | 09/12/2024 | 10 of 12 | Yes | N/A |
| RMFRH13.1MNQ | 2019 | HDD | IUT | Pass | | 01/03/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNR | 2019 | HDD | IUT | Fail | | 01/02/2023 | N/A | 12 of 12 | Yes | N/A |

# Overview of New HDDIU Process

# Manufacturer (MFR) Report Submission Process Flow



# EV-CIS Report Types For Heavy-Duty Diesel In-Use

**Required Reports**

1) Testing Plan (1 per test order) (any file format*)
2) Family Information (1 per test order) (CSV)
3) Vehicle Information (1 per vehicle) (CSV)
4) Engine Map Data (1 per vehicle) (CSV)
5) Testing Report (at least 1 test per test order)
    1) 1 Hz Data File (CSV)
    2) Test Information (CSV)
    3) Two Bin Moving Average Window (Model Year 2027+) (CSV)
6) Usage History (1 per vehicle) (any file format*)
7) Maintenance History (1 per vehicle) (any file format*)

**Conditionally Required Reports**

1) Failure Notification (1 per test) (any file format*)
2) Failure Information (1 per test) (any file format*)

**Supplemental Reports**

1) Request for Modified Testing/Reporting Requirements (1 per test order) (any file format*)
2) Rejected Vehicles (1 per test order) (CSV)
3) Supporting Information (any file format*)
4) Test Fuel Analysis (1 per family) (any file format*)
5) OBD Scan Data (1 per test) (any file format*)

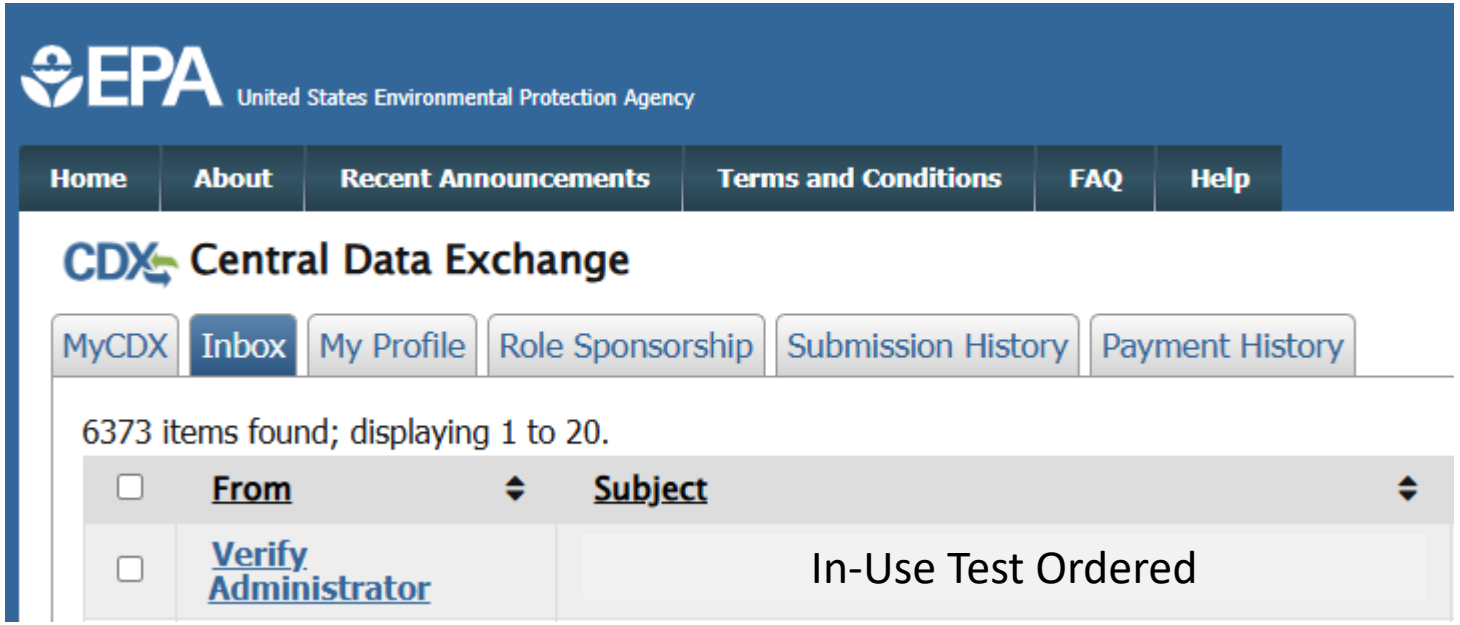
*EV-CIS only accepts the following file formats: PDF, DOC and DOCX, TXT, XLSX, XLS, CSV, XML, JPG, PNG, TIF

# Process for Completing In-Use Testing Reporting

***Note:*** *Data is just for demonstration purposes on the screen. There may be no connection between the data on different screens.*

# In-Use Testing Order

- Manufacturers will receive a notification from EV-CIS when a family is ordered for In-Use Testing in their Central Data Exchange (CDX) Inbox
- Manufacturers will need to submit in-use testing related reports to the new Compliance Testing Module in EV-CIS

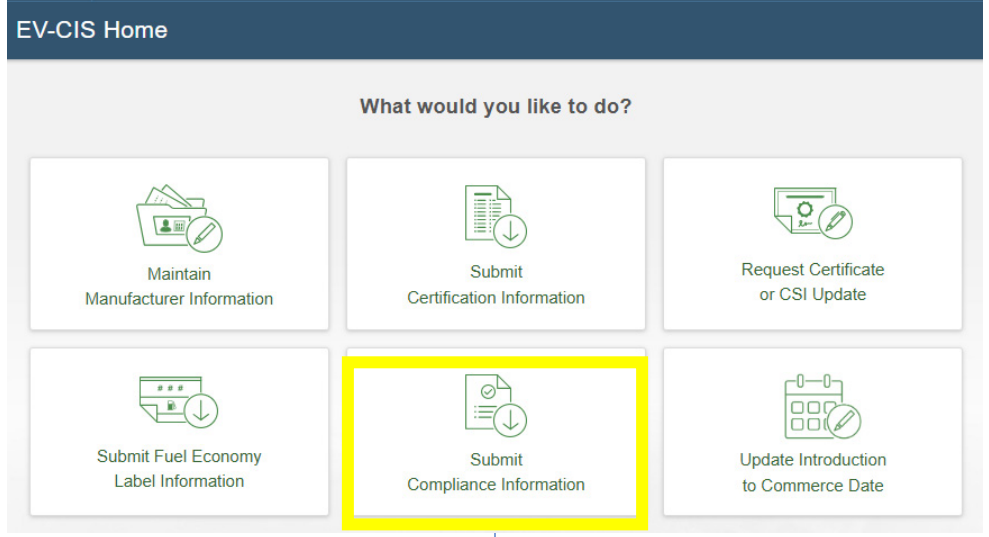


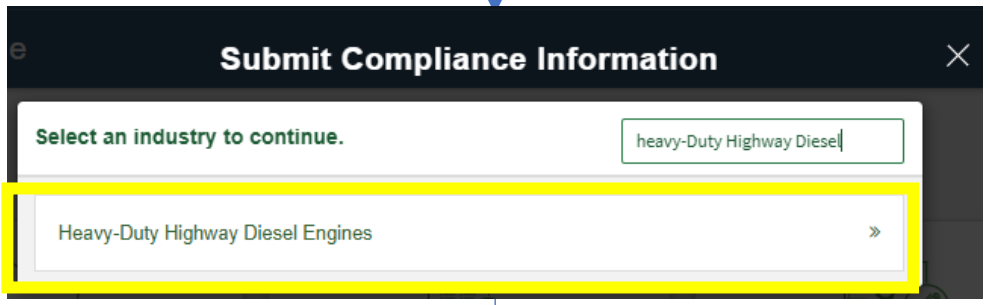
# Navigating to the New Compliance Testing Module

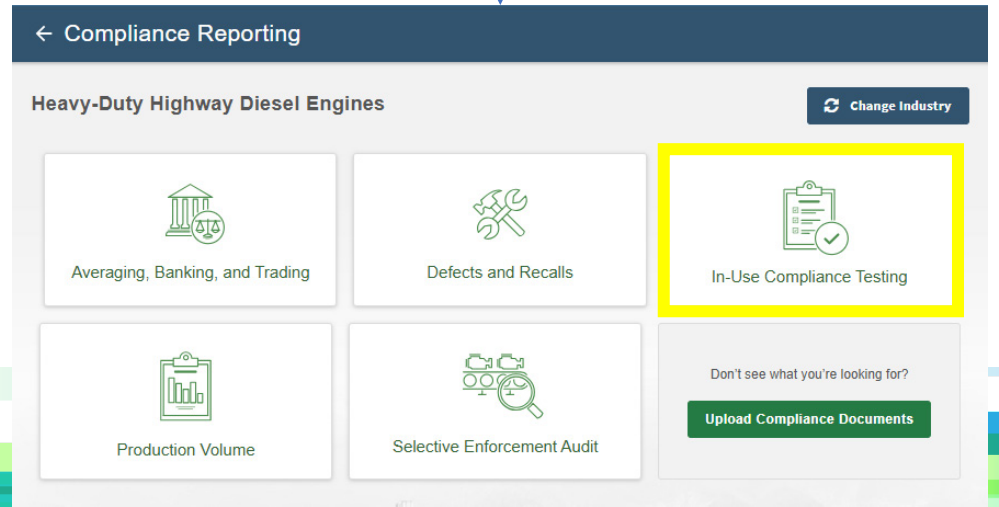
**Step 1:**
Select “Submit Compliance Information”

**Step 2:**
Select “Heavy-Duty Highway Diesel Engines”

**Step 3:**
Select “In-Use Compliance Testing”



# Compliance Testing Home

The system will navigate the user to the Compliance Testing Home screen that contains a list of all compliance testing reporting submissions for the manufacturer.

**EPA Report Name and EPA Report ID** are automatically generated and include metadata for the report such as model year.

**Export and/or Print** the list of reports.

**Approval/Completion Report Status** column will provide EPA information and decisions on submitted reports.

**Search box** functionality can search across columns.

Reports with the **Submission Status** of "Submitted" have been officially delivered to EPA.

**Filtering/Sorting** capabilities on each column. This list is pre-filtered for the industry and compliance program selected on the EV-CIS Home Screen.

## Compliance Testing Home

Create New | Export All | Print All | View Compliance Testing Status of All Certified Families | Search

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | Waiting For EPA Review | SUBMITTED | Date Time | First Last Name |
| IUT-Request for Modified Testing/Reporting Requirements-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2024-0000001 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Plan-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2023-0000002 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Rejected Vehicles-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000003 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Usage History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000005 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Maintenance History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000006 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000007 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T01-01 | MFR Report Name | MFR-IUT-2024-0000008 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T02 | MFR Report Name | MFR-IUT-2023-0000009 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T02-02 | MFR Report Name | MFR-IUT-2024-0000010 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T03 | MFR Report Name | MFR-IUT-2023-0000011 | HDD | IUT | 2022 | Failure Reported | SUBMITTED | Date Time | First Last Name |
| IUT-Family Info-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000012 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Vehicle Info-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2024-0000013 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Engine Map Data-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2023-0000014 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Report-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000015 | HDD | IUT | 2022 | Complete (Pass) | SUBMITTED | Date Time | First Last Name |

# Creating a New Report

To submit a new report the user can click on **"Create New".**

## Compliance Testing Home

View Compliance Testing Status of All Certified Families | Search

Create New | Export All | Print All

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | Waiting For EPA Review | SUBMITTED | Date Time | First Last Name |
| IUT-Request for Modified Testing/Reporting Requirements-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2024-0000001 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Plan-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2023-0000002 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Rejected Vehicles-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000003 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Usage History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000005 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Maintenance History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000006 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000007 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T01-01 | MFR Report Name | MFR-IUT-2024-0000008 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T02 | MFR Report Name | MFR-IUT-2023-0000009 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T02-02 | MFR Report Name | MFR-IUT-2024-0000010 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T03 | MFR Report Name | MFR-IUT-2023-0000011 | HDD | IUT | 2022 | Failure Reported | SUBMITTED | Date Time | First Last Name |
| IUT-Family Info-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000012 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Vehicle Info-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2024-0000013 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Engine Map Data-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2023-0000014 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Report-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000015 | HDD | IUT | 2022 | Complete (Pass) | SUBMITTED | Date Time | First Last Name |

# Individual Report Submission Process Steps

The report submission process is generally the same for all report types.

| | | | | |
|---|---|---|---|---|
| Collects metadata used to identify the report (minimum data needed to create a draft submission). | Collects other metadata about the report that is not used to identify the submission (e.g., contacts). | Collects the actual contents (i.e., data and documents) of the submission. | Displays all collected data and metadata for the submission in read-only mode. (Does not display the contents of attached files.) | Displays confirmation that the report was officially submitted to the EPA. |

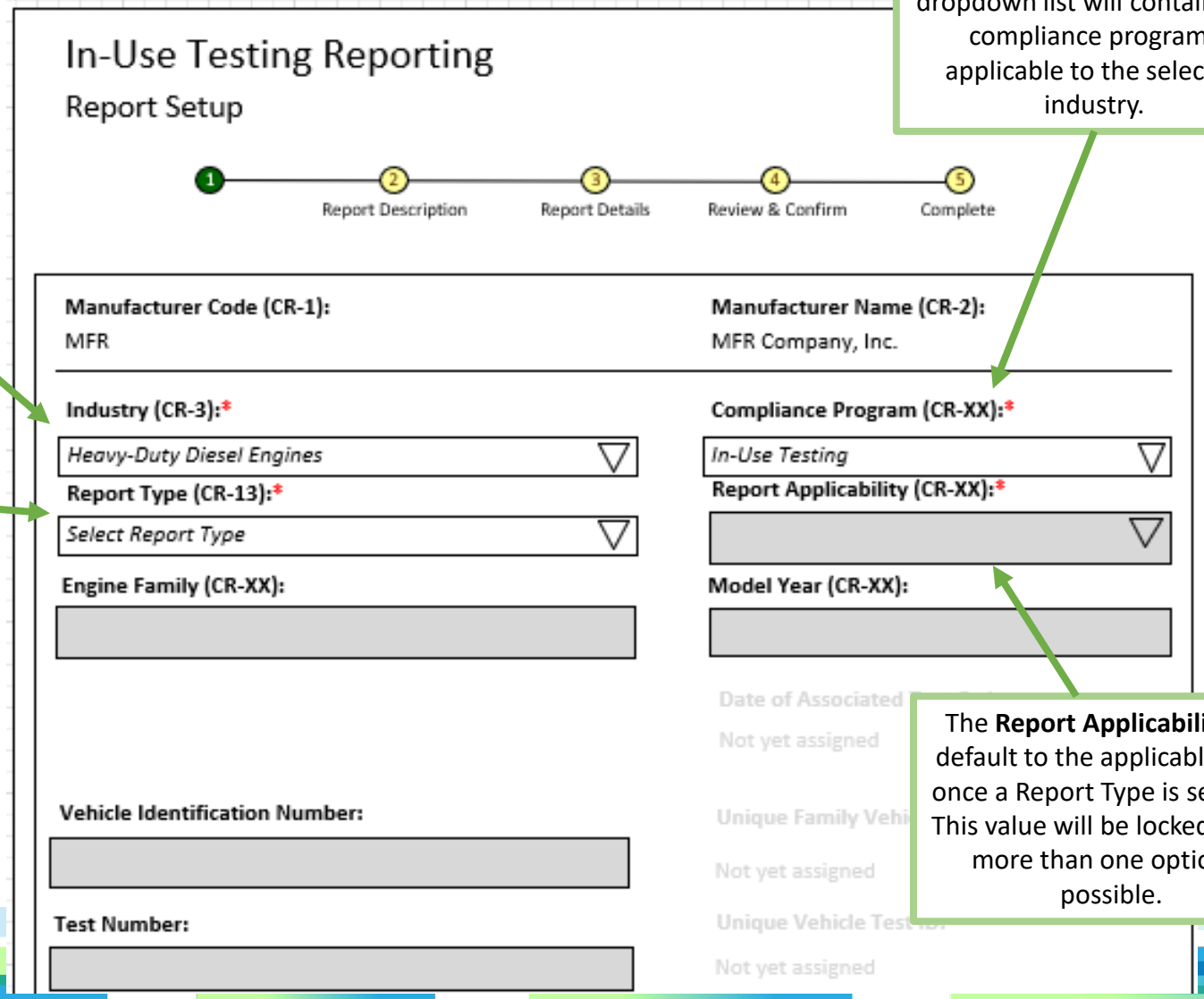
# Report Setup Screen

The Report Setup Screen will open after clicking the “Create New” button on the Compliance Testing Home Screen where the Report Type can be selected.

**Industry** needs to be selected first from the Industry dropdown field.

The **Report Type** dropdown list is filtered to show only those report types applicable for the selected industry and compliance program. Each Report Type is submitted at the family, vehicle, or test level which will determine report applicability options and whether the Engine Family, Model Year, Vehicle Identification Number, and Test Number are required fields.

The **Compliance Program** dropdown list will contain only compliance programs applicable to the selected industry.



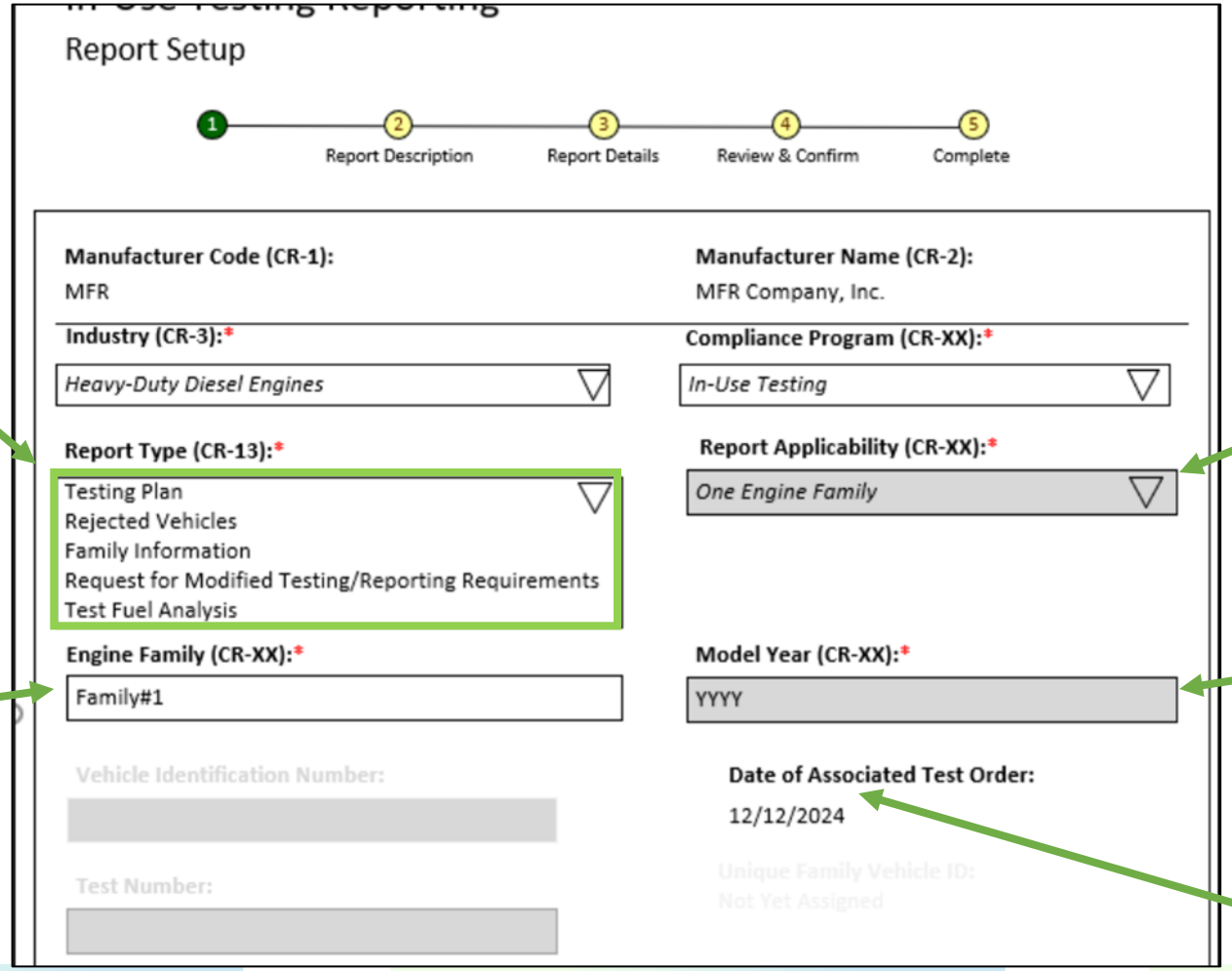

The **Report Applicability** will default to the applicable value once a Report Type is selected. This value will be locked unless more than one option is possible.

# Report Setup: For All Family Level Reports

Engine Family and Model Year are required fields.

Depicted here is the current list of **Report Types** submitted at the family level.

As the user types the **Engine Family**, the list of families that have been issued an in-use test order and contains the user-entered text will appear and continue to be filtered down. The user can select a value from the list at any time. This is referred to as an autocomplete dropdown.




**Report Applicability** will populate automatically to "One Engine Family" once a family level report is selected.

**Model Year** will populate automatically once the Engine Family is selected.

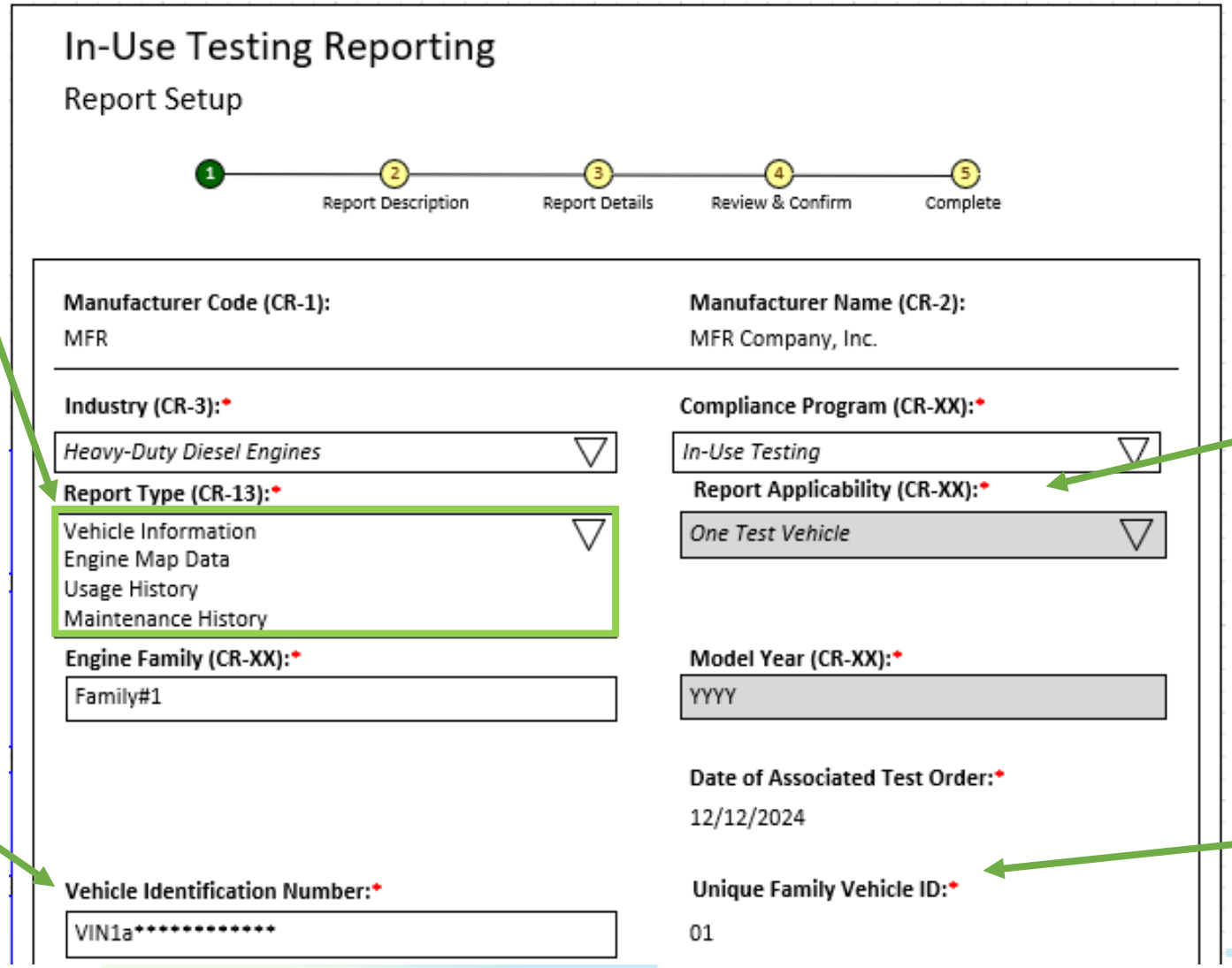
**Date of Associated Test Order** will populate automatically once the Engine Family is selected.

# Report Setup: For All Vehicle Level Reports

Engine Family, Model Year, and Vehicle Identification Number are required fields.

Depicted here is the current list of **Report Types** submitted at the Vehicle level.

As the user types the **VIN**, the list of VINs that have been entered into the Compliance Testing Module for the Engine Family will appear and continue to be filtered down. An existing VIN can be selected from this list, or a new VIN can be entered. Once a VIN is entered into this module, it can be referenced for any type of compliance testing.




**Report Applicability** will populate automatically to "One Test Vehicle" once a vehicle level report is selected.

Newly entered VINs will be assigned a new **Unique Family Vehicle ID** which masks and provides a simple way to reference the VIN within the context of a specific Engine Family.

For existing VINs, the field will be populated with the Unique Family Vehicle ID associated with the VIN selected from the autocomplete dropdown.

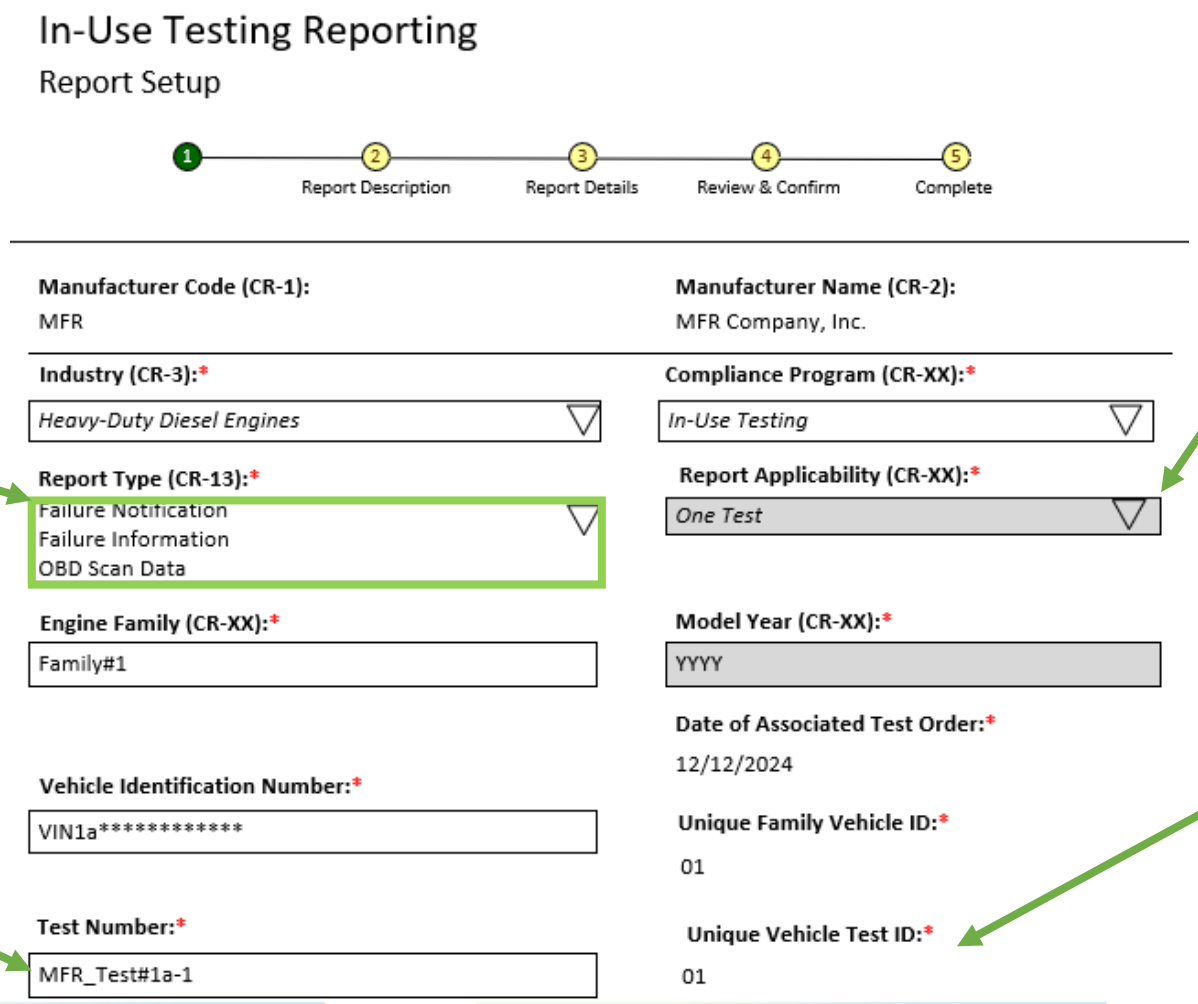
# Report Setup: For Test Level Reports (Except the In-Use Testing Report)

Engine Family, Model Year, Vehicle Identification Number, and Test Number are required fields.

***Note:*** *This slide does not show the setup for the In-Use Testing Report (which is also a test level report) because there are special requirements which will be discussed in detail in subsequent slides.*

Depicted here is the current list of **Report Types** submitted at the test level except the In-Use testing Report.

As the user types the **Test Number**, the list of Test Numbers that have been entered into the Compliance Testing Module for the VIN will appear and continue to be filtered down. An existing Test Number can be selected from this list, or a new Test Number can be entered.




**Report Applicability** will populate automatically to "One Test" once a test level report is selected.

A new Test Number will be assigned a new **Unique Vehicle Test ID** which provides a simple way to reference the Test Number within the context of a specific VIN.

For existing Test Numbers, Unique Vehicle Test ID will be populated with the ID associated with the Test Number selected from the autocomplete dropdown.

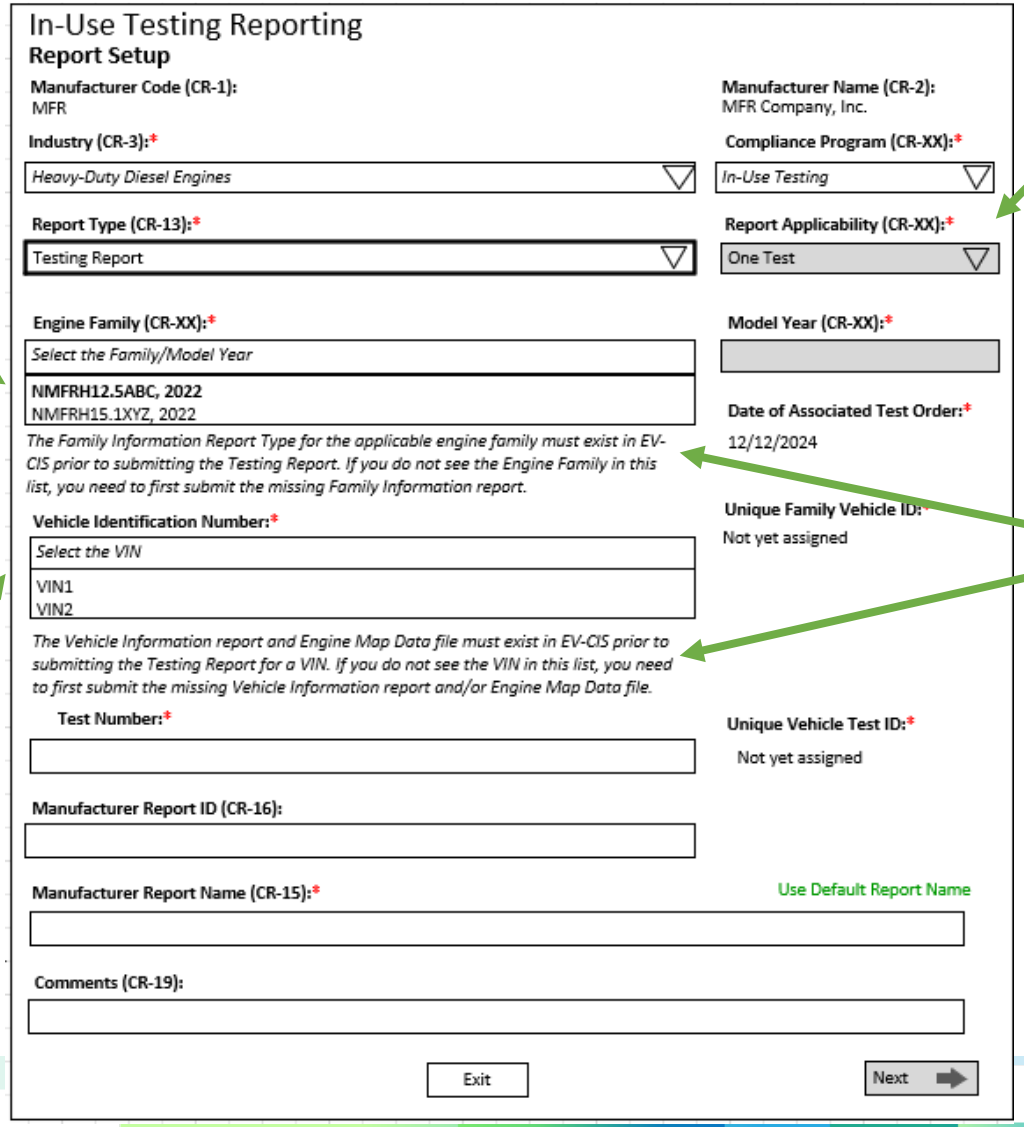
# In-Use Testing Report

**Walkthrough of the end-to-end submission process for the In-Use Testing Report.**

The Testing Report is collected at the test level, so Engine Family, Model Year, VIN, and Test Number are all required fields that must be entered to submit this report.

As the user types the **Engine Family**, the list of engine families and model years containing the user-entered text and for which a Family Information File has been submitted will appear and continue to be filtered down and the user can select the value from the list at any time.

As the user types the **VIN**, the list of VINs containing the user-entered text and for which a Vehicle Information File and Engine Map Data File have been submitted will appear and continue to be filtered down and the user can select the value from the list at any time.




**Report Applicability** will populate automatically to "One Test" once the testing report is selected.

**The Family Information File**
**AND**
**Vehicle Information File**
**And**
**Engine Map Data File**
**MUST**
be submitted prior to completing a testing report. Otherwise, the Engine Family and VIN cannot be selected on this screen. The most recent active version of the files will be displayed for informational purposes only. Subsequent versions of these files will automatically be linked to this report.

# In-Use Testing Report Setup

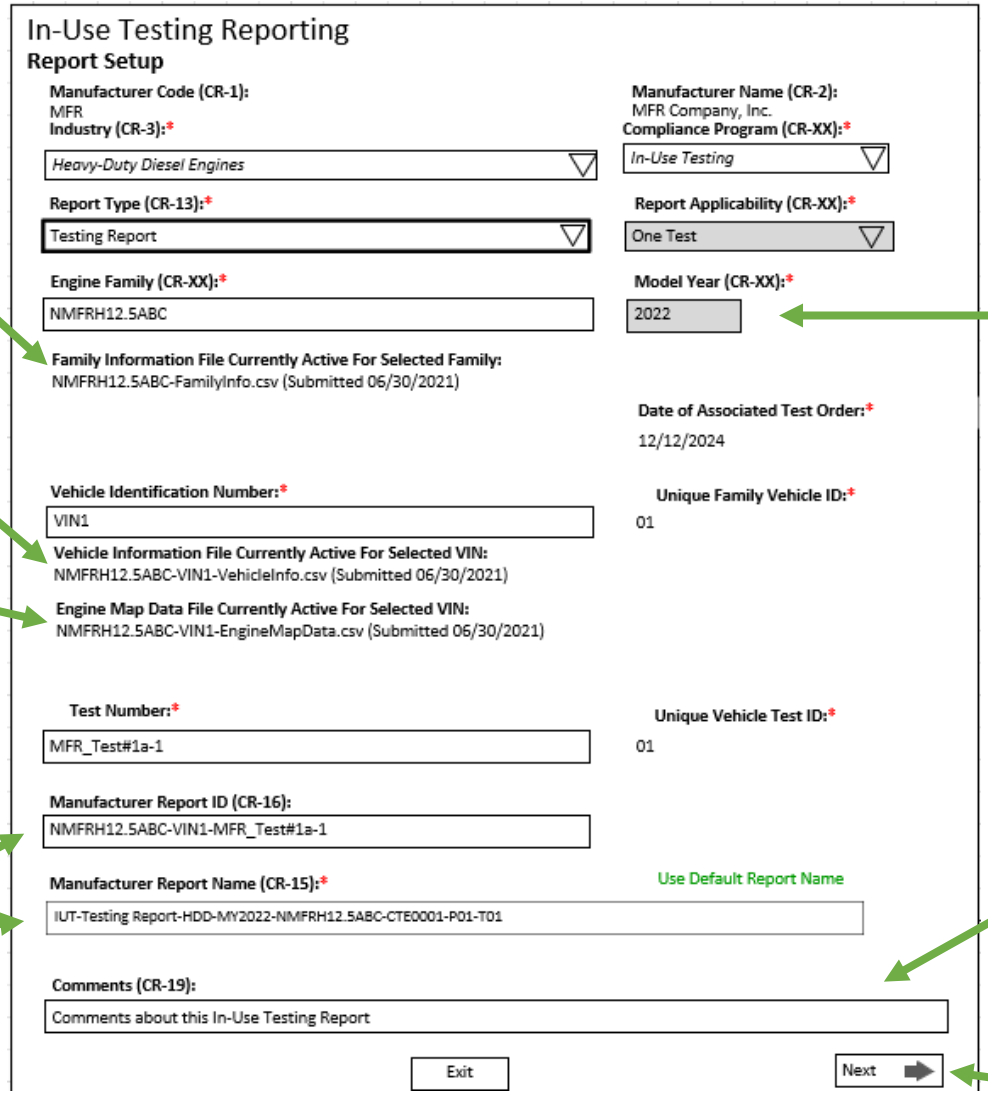
All required fields must be entered or selected prior to clicking next otherwise red error messages will appear that must be addressed.

**Family Information File** name will automatically populate based on the Engine Family selected.

**Vehicle Information File** name will automatically populate based on the VIN selected.

**Engine Map Data File** name will automatically populate based on the VIN selected.

**Manufacturer Report ID** and **Report Name** are for manufacturer record-keeping purposes. If the manufacturer uses the Default Report Name option, the report name will include—Compliance Program, Report Type, Industry, Model Year, Engine Family, Compliance Testing Event Order ID, Unique Family Vehicle ID, and Unique Vehicle Test ID.




**Model Year** will automatically populate and lock based on the Engine Family selected.

**Comments** box is the same field across the Report Setup, Report Description, and Report Details screen.

Click '**Next**' to proceed to the Report Description Screen.

# In-Use Testing Report Description

The following data elements are now read-only. Even if the user navigates back to the Report Setup screen, these values can no longer be changed. If an update is needed to any of the fields, a new report must be created.

## In-Use Reporting
### Report Description

Report Setup (✓) — Report Description (2) — Report Details (3) — Review & Confirm (4) — Complete (5)

**Manufacturer Code (CR-1):**
MFR

**Manufacturer Name (CR-2):**
MFR Company, Inc.

**Industry (CR-3):**
Heavy-Duty Diesel Engines

**Compliance Program (CR-XX):**
In-Use Testing

**Report Type (CR-13):**
Testing Report

**Report Applicability (CR-XX):**
One Test

**Engine Family (CR-XX):**
NMFRH12.5ABC

**Model Year (CR-XX):**
2022

**Date of Associated Test Order:**
12/12/2024

**Vehicle Identification Number:**
VIN1a**********

**Unique Family Vehicle ID:**
01

**Test Number:**
MFR_Test#1a-1

**Unique Vehicle Test ID:**
01

**EPA Report Identifier (CR-12):**
MFR-IUT-2022-0000005

**MFR Report Identifier (CR-12):**
MFR-IUT-2022-1

**MFR Report Name (CR-15):**
IUT-Testing Report-HDD-MY2022-NMFRH12.5ABC-CTE0001-P01-T01

**Contact(s) (CR-17):***

Contact Name (000-000-000, contactname@company.com) + ✕

Contact Name (000-000-000, contactname@company.com) + ✕

**Comments (CR-19):**

Comments about this In-Use Testing Report

Back | Exit | Save | Next

# In-Use Testing Report Description

Contacts are selected based on information already collected previously in the EV-CIS Manufacturer Information Module.

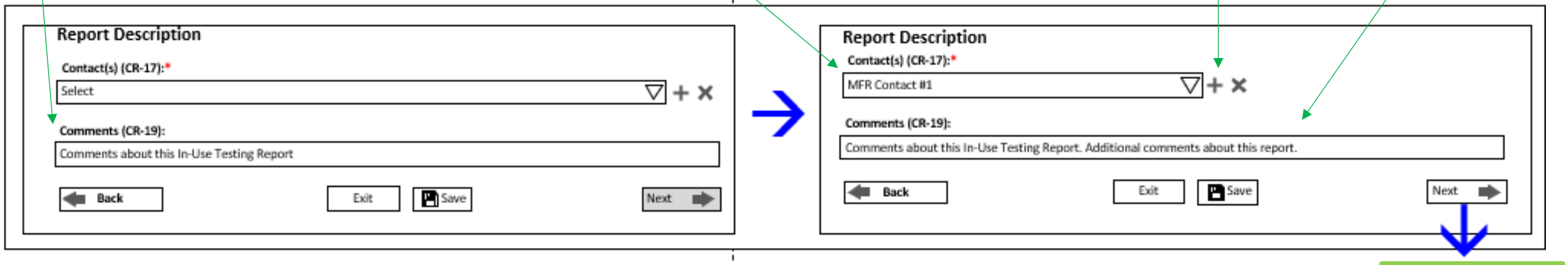
**Comments** typed on the Report Setup screen will appear on the Report Description screen.

The **Contact(s)** drop-down list will only include contacts from the EV-CIS Manufacturer Information module that have an active combination of: The Industry; and a Compliance Program of "In-Use Testing". If the correct contact is not included in the drop-down list for a In-Use report, exit the Compliance Testing Module and click on "Maintain Manufacturer Information" on EV-CIS Home to either add a new contact or update an existing contact to include the required combination of Industry and Compliance Program

- Note- There may be a small delay until the additional contact appears in the Contact(s) drop-down list in the Compliance Testing module while the update is being processed by EV-CIS

Multiple **contacts** can be selected to be associated with this report submission by clicking the plus sign.

Additional **Comments** can be added on the Report Description Screen.




Click '**Next**' to proceed to Report Details Screen.

# In-Use Testing Report Details

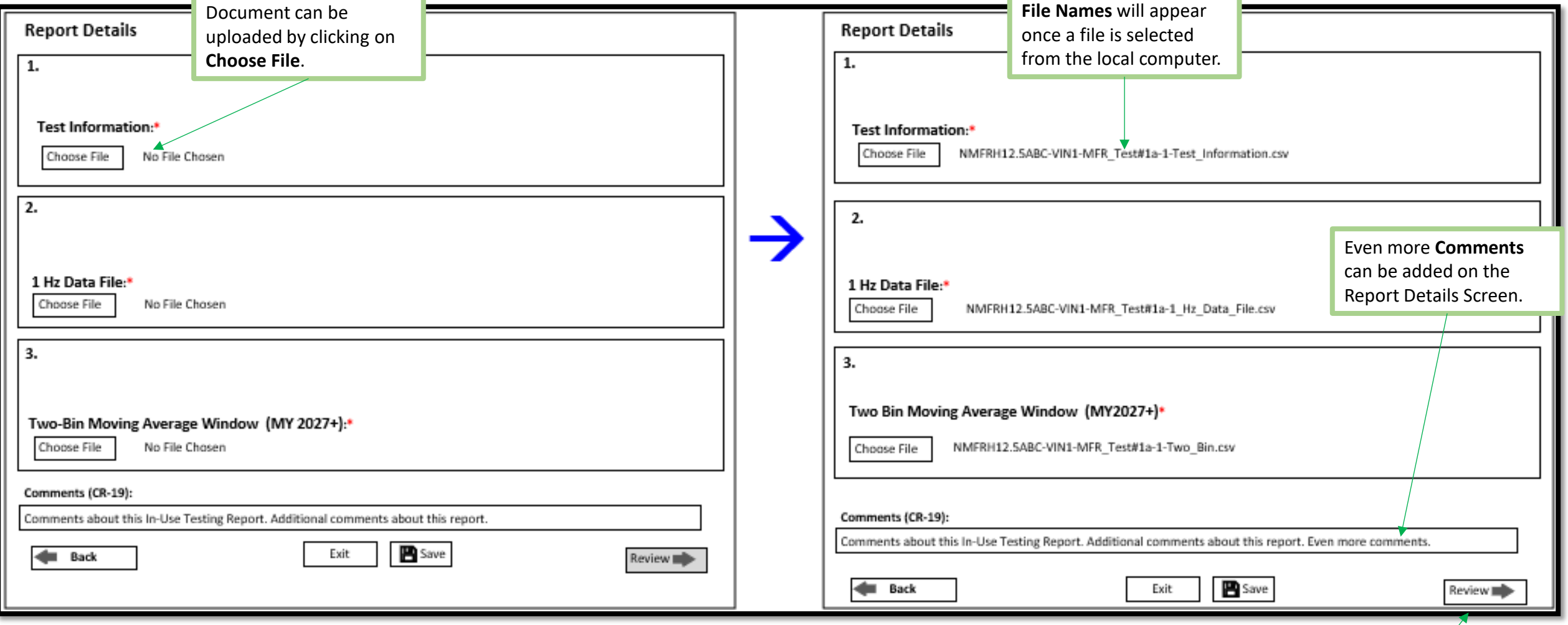
Documents required to be uploaded for the Testing Report include:

- Test Information CSV
- 1 HZ Data File CSV
- Two Bin Moving Average Window CSV (Model Year 2027+)

Document can be uploaded by clicking on **Choose File**.

**File Names** will appear once a file is selected from the local computer.

Even more **Comments** can be added on the Report Details Screen.




Click '**Review**' to proceed to the Review and Confirm Screen

# Review and Confirm

Ensure all metadata and file names are correct prior to submitting to EPA.

All data on this screen is read-only.

Click **'Validate and Submit'** to validate the submission against business rules and to proceed to the Complete Screen if no business rule errors are triggered.

## In-Use Reporting

Report Setup ✓ — Report Description ✓ — Report Details ✓ — 4 Review & Confirm — 5 Complete

### Review & Confirm

**Manufacturer Code (CR-1):**
MFR

**Manufacturer Name (CR-2):**
MFR Company, Inc.

**Industry (CR-3):**
Heavy-Duty Diesel Engines

**Compliance Program (CR-XX):**
In-Use Testing

**Report Type (CR-13):**
Testing Report

**Report Applicability (CR-XX):**
One Test

**Engine Family (CR-XX):**
NMFRH12.5ABC

**Model Year (CR-XX):**
2022

**Vehicle Identification Number (CR-XX):**
VIN1a**********

**Date of Associated Test Order:***
12/12/2024

**Test Number: (CR-XX):**
MFR_Test#1a-1

**Unique Family Vehicle ID (CR-XX):**
01

**EPA Report Identifier (CR-12):**
MFR-IUT-2022-0000005

**Unique Vehicle Test ID (CR-XX):**
01

**MFR Report Name (CR-15):**
IUT-Testing Report-HDD-MY2022-NMFRH12.5ABC-CTE0001-P01-T01

**MFR Report Identifier (CR-12):**
NMFRH12.5ABC-VIN1-MFR_Test#1a-1

### - Report Description

**Contact(s) (CR-17):**

- Contact Name (000-000-000, contactname@company.com)
- Contact Name (000-000-000, contactname@company.com)

### - Report Details

**Selected Test Information File (CR-XX):** NEPAH12.5ABC-CTE0001-P01-T01-IUT_Test_Info.csv

**Selected 1 Hz Data File (CR-XX):** NEPAH12.5ABC-CTE0001-P01-T01-IUT_1Hz_Data_File.csv

**Selected Two Bin Moving Average Window File (CR-XX):** NEPAH12.5ABC-CTE0001-P01-T01-IUT_Two_Bin.csv

**Comments (CR-19):**
Comments about this In-Use Testing Report. Additional comments about this report. Even more comments.

Back | Exit | Save | Validate & Submit

# Report Submission Status-Validating

If the user exits the form while it is validating, for example if it is taking a long time to complete this process, they may see a submission status of “Validating” for the report on the Compliance Testing Home Screen.

**Submission Status** value will change from **Draft** to **Validating** on the Compliance Testing Home Screen once the validation process begins and EV-CIS may take some time to complete this process.

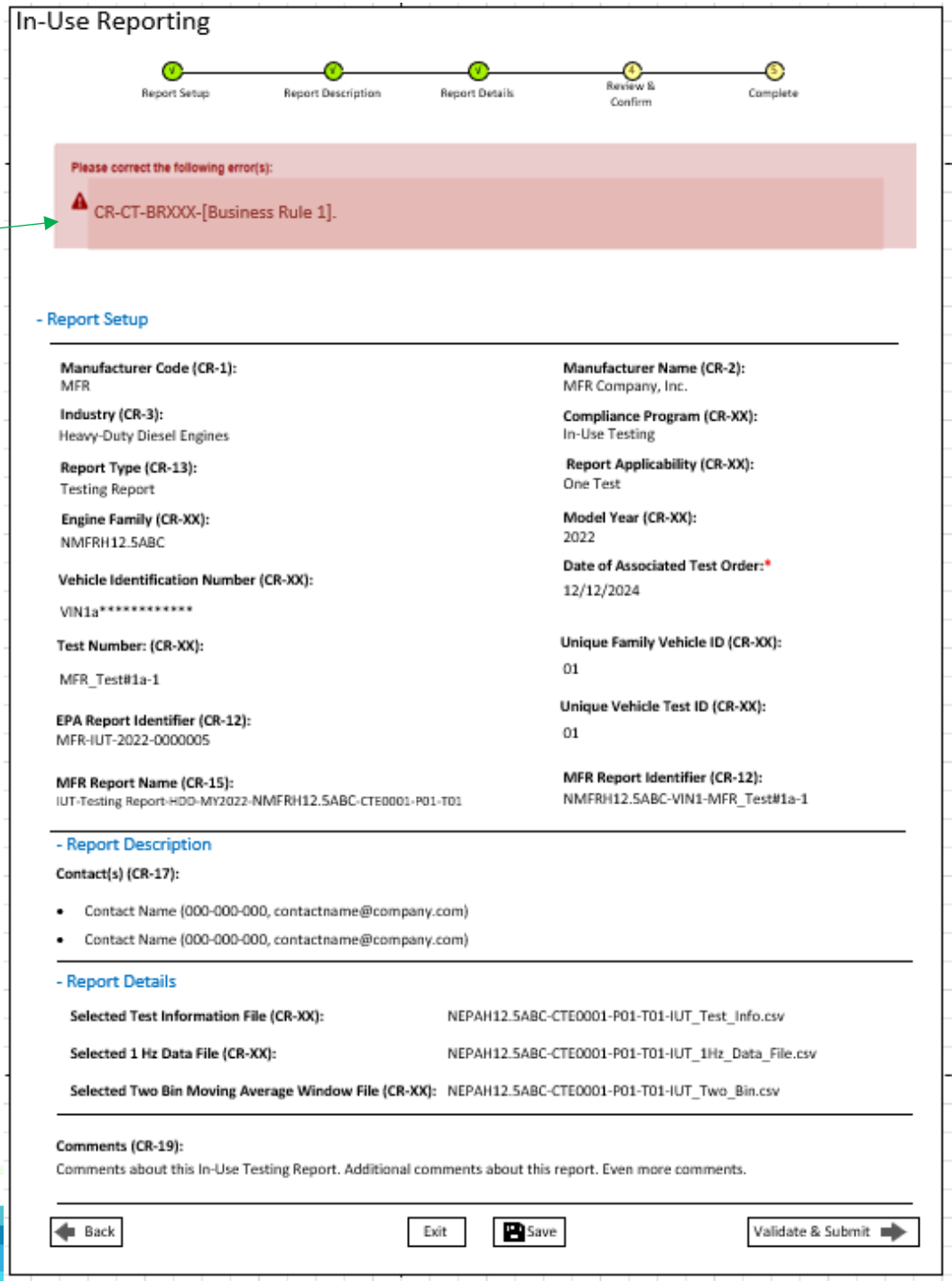
| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | -- | DRAFT | Date Time | First Last Name |

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | -- | VALIDATING | Date Time | First Last Name |

# Business Rules

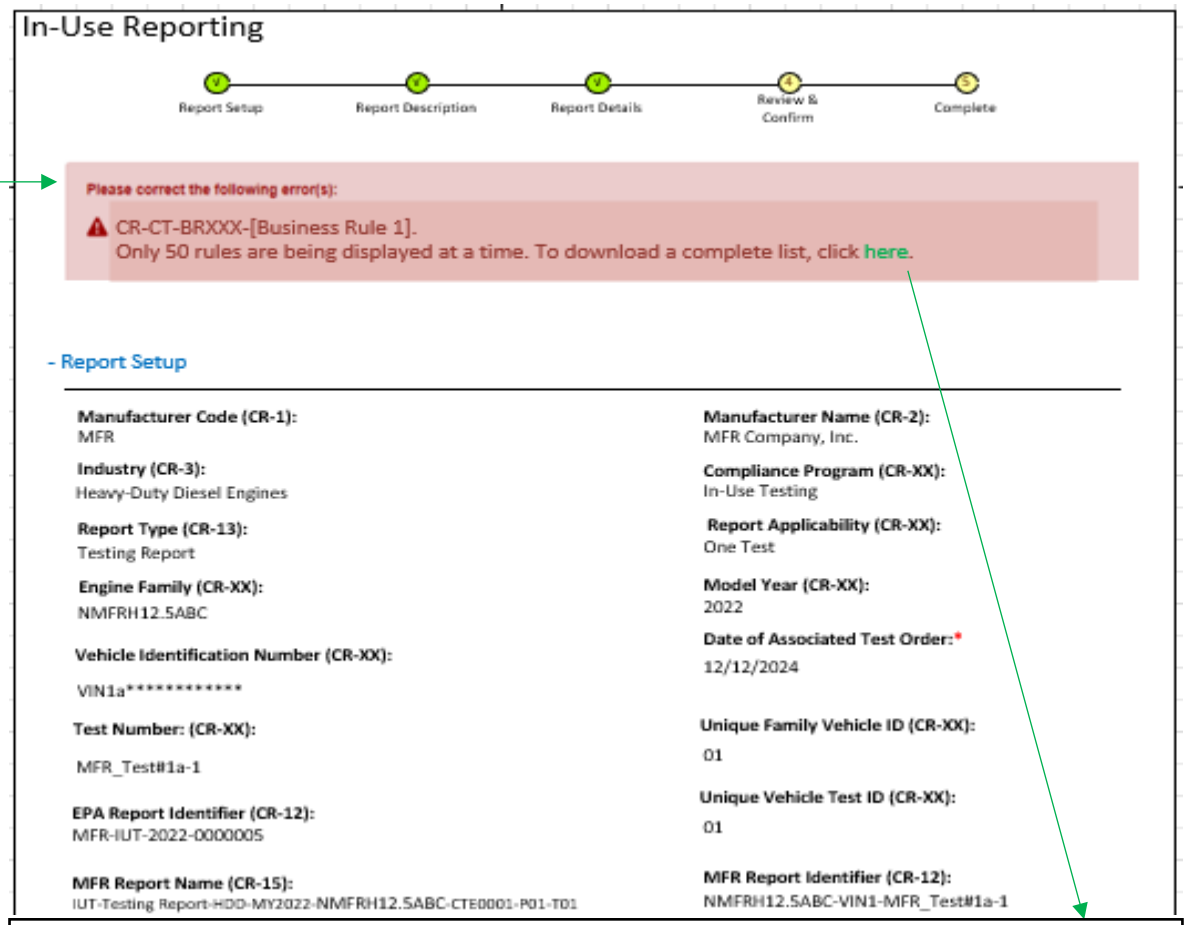
The report is unable to be sent to EPA if there are business rule errors.

If any business rule errors are triggered, they will appear at the top of the **Review and Confirm** screen.



# More than 50 Business Rules

If more than 50 business rules are triggered, a message will appear where there will be a link to the full list of business rules.




Rejected
CR-CT-BRXXX – [Business Rule 1]
CR-CT-BRXXX – [Business Rule 2]
CR-CT-BRXXX – [Business Rule 3]
CR-CT-BRXXX – [Business Rule 4]

# Report Submission Status-Rejected

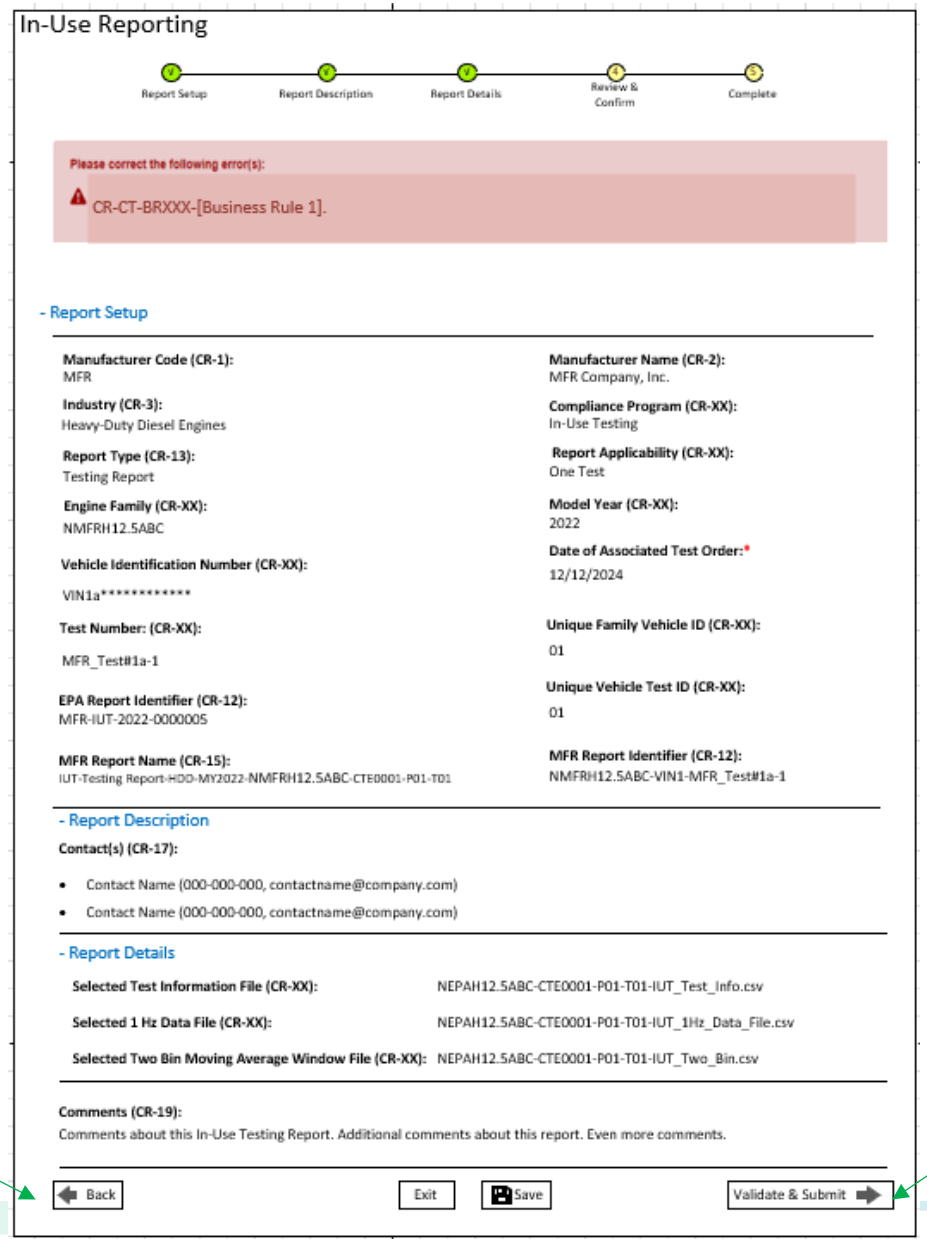
If the user exits the form after business rule errors have been triggered. They will see a submission status of “Rejected” for the report on the Compliance Testing Home Screen.

The **Submission Status** will change from **Validating** to **Rejected** on the Compliance Testing Home Screen if the report does not pass business rule validation.

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | -- | VALIDATING | Date Time | First Last Name |

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | -- | REJECTED | Date Time | First Last Name |

# Resolving Business Rule Errors



In-Use Reporting

Report Setup | Report Description | Report Details | Review & Confirm | Complete

Please correct the following error(s):

CR-CT-BRXXX-[Business Rule 1].

- Report Setup

**Manufacturer Code (CR-1):** MFR

**Manufacturer Name (CR-2):** MFR Company, Inc.

**Industry (CR-3):** Heavy-Duty Diesel Engines

**Compliance Program (CR-XX):** In-Use Testing

**Report Type (CR-13):** Testing Report

**Report Applicability (CR-XX):** One Test

**Engine Family (CR-XX):** NMFRH12.5ABC

**Model Year (CR-XX):** 2022

**Vehicle Identification Number (CR-XX):** VIN1a**********

**Date of Associated Test Order:*** 12/12/2024

**Test Number: (CR-XX):** MFR_Test#1a-1

**Unique Family Vehicle ID (CR-XX):** 01

**EPA Report Identifier (CR-12):** MFR-IUT-2022-0000005

**Unique Vehicle Test ID (CR-XX):** 01

**MFR Report Name (CR-15):** IUT-Testing Report-HDD-MY2022-NMFRH12.5ABC-CTE0001-P01-T01

**MFR Report Identifier (CR-12):** NMFRH12.5ABC-VIN1-MFR_Test#1a-1

- Report Description

**Contact(s) (CR-17):**

- Contact Name (000-000-000, contactname@company.com)
- Contact Name (000-000-000, contactname@company.com)

- Report Details

**Selected Test Information File (CR-XX):** NEPAH12.5ABC-CTE0001-P01-T01-IUT_Test_Info.csv

**Selected 1 Hz Data File (CR-XX):** NEPAH12.5ABC-CTE0001-P01-T01-IUT_1Hz_Data_File.csv

**Selected Two Bin Moving Average Window File (CR-XX):** NEPAH12.5ABC-CTE0001-P01-T01-IUT_Two_Bin.csv

**Comments (CR-19):**

Comments about this In-Use Testing Report. Additional comments about this report. Even more comments.

Back | Exit | Save | Validate & Submit

To resolve any business rule errors, the user can click the '**Back**' button on the form to navigate to the applicable screens to make the necessary changes.

Once all business rules have been addressed, the user can click the **Validate & Submit** button again to initiate business rule validation.

# Report Submission Status-Processing

If the user exits the form while it is processing, for example if it is taking a long time to complete this step, they may see a submission status of “Processing” for the report on the Compliance Testing Home Screen.

The **Submission Status** will change from **Validating** to **Processing** on the Compliance Testing Home Screen if the report passes business rule validation and is being processed by the system. EV-CIS may take some time to complete this process.

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Modified (CR-9) | Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | -- | VALIDATING | Date Time | First Last Name |

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | -- | PROCESSING | Date Time | First Last Name |

# Complete

If no business rule errors were triggered the report has been officially received by EPA, and the user will be presented with the Complete screen containing metadata about the submission. We recommend printing this screen so that you have the transaction ID to reference in case of a submission failure.

## In-Use Reporting

Report Setup ✓ — Report Description ✓ — Report Details ✓ — Review & Confirm ✓ — Complete ✓

### Complete

Your report has been submitted to EPA. If you have any questions, please contact EPA at (888) 890-1995 or email evcishelpdesk@epacdx.net.
You can check the status of your submission on the In-Use Compliance Reporting Home Page.

### Submission Summary

**Date (CR-XX):**
06/05/2024

**Process Code (CR-XX):**
New Submission

**Manufacturer Code (CR-1):**
MFR

**Manufacturer Name (CR-2):**
MFR Company, Inc.

**Industry (CR-3):**
Heavy-Duty Diesel Engines

**Compliance Program (CR-XX):**
In-Use Testing

**Report Type (CR-13):**
Failure Notification

**Report Applicability (CR-XX):**
One Test

**Engine Family (CR-XX):**
RMFRH1000EF1

**Model Year (CR-XX):**
2024

**Date of Associated Test Order:**
12/12/2024

**Vehicle Identification Number (CR-XX):**
VIN1a**********

**Unique Family Vehicle ID (CR-XX):**
01

**Test Number: (CR-XX):**
MFR_Test#1a-1

**Unique Vehicle Test ID (CR-XX):**
01

**EPA Report Identifier (CR-12):**
MFR-IUT-2024-0000005

**MFR Report Identifier (CR-12):**
MFR-IUT-2024-1

**MFR Report Name (CR-15):**
IUT-Failure Notification-HDD-MY2024-RMFRH1000EF1-CTE0001-P01-T01

Transaction ID
**_1234567890abcdefghijklmnopqrstuvwxyz**

Go to My CDX

Done

Click **Done** to navigate back to the Compliance Testing Home Screen.

# Report Submission Status-Submitted

The **Submission Status** will change from **Processing** to **Submitted** if the report is successfully received by EPA on the Compliance Testing Home Screen.

The **Approval/Completion Report Status** will also update to "Waiting For EPA Review" once EPA receives the report.

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Repo (CR-1 | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024- | -- | PROCESSING | Date Time | First Last Name |

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | Waiting For EPA Review | SUBMITTED | Date Time | First Last Name |

# Required Reports Submitted

The user can double check if all the required reports for an Engine Family for In-Use Testing have been officially submitted on the Compliance Testing Home Screen.

**Testing Plan** should be submitted at the family level and approved by EPA prior to starting In-Use testing.

**Usage History** and **Maintenance History** should be submitted once all testing is completed.

**Family Information** and **Vehicle Information** and **Engine Map Data** reports should be submitted prior to submitting the Testing Report.

**Testing Report** is submitted after each test.

Compliance Testing Home

View Compliance Testing Status of All Certified Families | Search

Create New | Export All | Print All

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | Waiting For EPA Review | SUBMITTED | Date Time | First Last Name |
| IUT-Request for Modified Testing/Reporting Requirements-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2024-0000001 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Plan-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2023-0000002 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Rejected Vehicles-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000003 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Usage History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000005 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Maintenance History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000006 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000007 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T01-01 | MFR Report Name | MFR-IUT-2024-0000008 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T02 | MFR Report Name | MFR-IUT-2023-0000009 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T02-02 | MFR Report Name | MFR-IUT-2024-0000010 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T03 | MFR Report Name | MFR-IUT-2023-0000011 | HDD | IUT | 2022 | Failure Reported | SUBMITTED | Date Time | First Last Name |
| IUT-Family Info-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000012 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Vehicle Info-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2024-0000013 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Engine Map Data-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2023-0000014 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Report-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000015 | HDD | IUT | 2022 | Complete (Pass) | SUBMITTED | Date Time | First Last Name |

# Taking Actions on Reports

To take action on a report, click the green arrow.

Compliance Testing Home

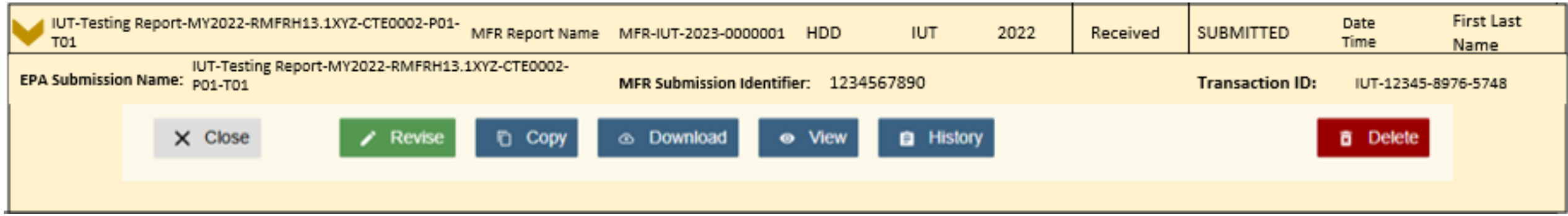
View Compliance Testing Status of All Certified Families | Search

Create New | Export All | Print All

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | Waiting For EPA Review | SUBMITTED | Date Time | First Last Name |
| IUT-Request for Modified Testing/Reporting Requirements-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2024-0000001 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Plan-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2023-0000002 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Rejected Vehicles-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000003 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Usage History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000005 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Maintenance History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000006 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000007 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T01-01 | MFR Report Name | MFR-IUT-2024-0000008 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T02 | MFR Report Name | MFR-IUT-2023-0000009 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T02-02 | MFR Report Name | MFR-IUT-2024-0000010 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T03 | MFR Report Name | MFR-IUT-2023-0000011 | HDD | IUT | 2022 | Failure Reported | SUBMITTED | Date Time | First Last Name |
| IUT-Family Info-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000012 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Vehicle Info-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2024-0000013 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Engine Map Data-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2023-0000014 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Report-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000015 | HDD | IUT | 2022 | Complete (Pass) | SUBMITTED | Date Time | First Last Name |

# Actions Dropdown

The row will expand, and Action buttons will appear.




- **Revise:** Make changes to the selected report (option only available for submitted reports [i.e., reports that have already been submitted to EPA]). Revising a Submitted report creates a new Draft copy of it for editing. When the revision is officially submitted to EPA, the revision will supersede the previous version.
- **Edit**: Make changes to the selected report (option only available for draft reports [i.e., reports that have not yet been submitted to EPA]).
- **Copy**: Copy the selected report (e.g., to use as the starting point or reference for a new report).
- **Download**: Download the report information. (***Note:*** The exact functionality is still being determined.)
- **View**: View the metadata and any business rules that triggered for the selected report.
- **History**: View the submission history for the selected report.
- **Delete**: Delete the selected report. Once deleted, the report will no longer appear in the Compliance Testing Home Report List.
  - Draft reports are completely removed from the system.
  - Submitted reports are marked as Deleted but still accessible in the system.

# Revising Report: Report Setup

User can click on the Revise button in the Actions dropdown to revise a report.

The following data elements are read-only. If an update is needed to any of the fields, a new report must be created.

**Manufacturer Report ID, Manufacturer Report Name,** and **Comments** are the only fields that can be revised on the Report Setup screen.

## In-Use Testing Reporting

### Report Setup

**Manufacturer Code (CR-1):**
MFR

**Manufacturer Name (CR-2):**
MFR Company, Inc.

**Industry (CR-3):**
Heavy-Duty Diesel Engines

**Compliance Program (CR-XX):**
In-Use Testing

**Report Type (CR-13):***
Testing Report

**Report Applicability (CR-XX):***
One Test

**Engine Family (CR-XX):***
NMFRH12.5ABC

**Model Year (CR-XX):***
2022

**Family Information File Currently Active For Selected Family:**
NMFRH12.5ABC-FamilyInfo.csv (Submitted 08/30/2021)

**Date of Associated Test Order:***
12/12/2024

**Vehicle Identification Number:***
VIN1

**Unique Family Vehicle ID:***
01

**Test Vehicle Information File Currently Active For Selected VIN:**
NMFRH12.5ABC-VehicleInfo3.csv (Submitted 08/30/2021)

**Engine Map Data File Currently Active For Selected VIN:**
NMFRH12.5ABC-VIN1-EngineMapData.csv (Submitted 06/30/2021)

**Test Number:***
MFR_Test#1a-1

**Unique Vehicle Test ID:***
01

**Manufacturer Report ID (CR-16):**
NMFRH12.5ABC-VIN1-MFR_Test#1a-1

**Manufacturer Report Name (CR-15):***
Use Default Report Name
IUT-Testing Report-HDD-MY2022-NMFRH12.5ABC-CTE0001-P01-T01

**Comments (CR-19):**
Comments about this In-Use Testing Report

Exit | Save | Next

# Revising Report: Report Description

**Contacts** can be revised if needed.

## In-Use Reporting
### Report Description

Report Setup → Report Description → Report Details → Review & Confirm → Complete

**Manufacturer Code (CR-1):**
MFR

**Manufacturer Name (CR-2):**
MFR Company, Inc.

**Industry (CR-3):**
Heavy-Duty Diesel Engines

**Compliance Program (CR-XX):**
In-Use Testing

**Report Type (CR-13):**
Testing Report

**Report Applicability (CR-XX):**
One Test

**Engine Family (CR-XX):**
NMFRH12.5ABC

**Model Year (CR-XX):**
2022

**Date of Associated Test Order:**
12/12/2024

**Vehicle Identification Number:**
VIN1a**********

**Unique Family Vehicle ID:**
01

**Test Number:**
MFR_Test#1a-1

**Unique Vehicle Test ID:**
01

**EPA Report Identifier (CR-12):**
MFR-IUT-2022-0000005

**MFR Report Identifier (CR-12):**
MFR-IUT-2022-1

**MFR Report Name (CR-15):**
IUT-Testing Report-HDD-MY2022-NMFRH12.5ABC-CTE0001-PO1-T01

**Contact(s) (CR-17):***

Contact Name (000-000-000, contactname@company.com)

Contact Name (000-000-000, contactname@company.com)

**Comments (CR-19):**

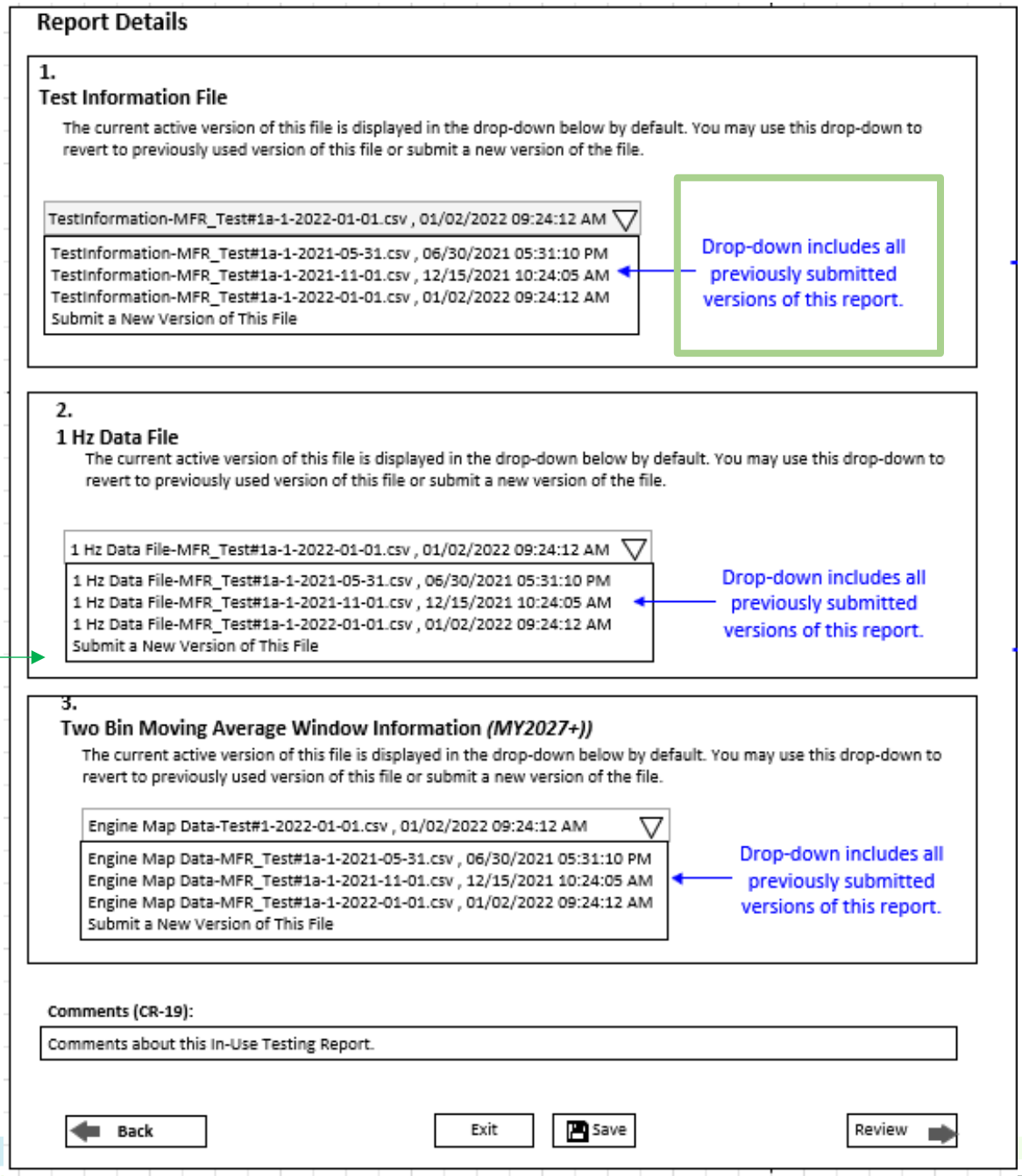
Comments about this In-Use Testing Report

Back | Exit | Save | Next

# Revising Report: Report Details

A previous version of each file can be selected or a new file can be uploaded.

A new file can be uploaded, by clicking the "**Submit New Version of This File**" Option.



# In-Use Testing Requirements Completion

Manufacturers will need to ensure all in-use testing required report types have been submitted including:

1) Testing Plan (1 per Test Order)
2) Family Information (1 per Test Order)
3) Vehicle Information (1 per Vehicle)
4) Engine Map Data (1 per Vehicle)
5) Testing Report (at least one test per test order which includes 1 Hz Data File, Test Information, and Two Bin-Moving Average Window (MY2027+))
6) Usage History (1 per Vehicle)
7) Maintenance History (1 per Vehicle)

*If there are any failures, the manufacturer has the responsibility to notify EPA by submitting the Failure Notification and the Failure Information Report Types.

# Process For Notifying EPA That All In-Use Testing Requirements Have Been Completed

Once all required reports are submitted, the manufacturer should navigate to the **Compliance Testing Status of All Certified Families View** where they can mark the Engine Family as complete for all In-Use Requirements.

# Navigate to the Compliance Testing Status of All Certified Families View

## Compliance Testing Home

View Compliance Testing Status of All Certified Families | Search

Create New | Export All | Print All

| EPA Report Name (CR-15) | Mfr Report Name (CR-15) | EPA Report ID (CR-12) | Industry (CR-3) | Compliance Program (CR-?) | Model Year CR-?) | Approval/ Completion Report Status (CR-?, CR-? CR-?, CR-?) | Submission Status (CR-6) | Last Modified (CR-9) | Last Modified By (CR-10) |
|---|---|---|---|---|---|---|---|---|---|
| IUT-Testing Report-MY2022-NMFRH12.5ABC-CTE0003-P01-T01 | MFR Report Name | MFR-IUT-2024-0000004 | HDD | IUT | 2022 | Waiting For EPA Review | SUBMITTED | Date Time | First Last Name |
| IUT-Request for Modified Testing/Reporting Requirements-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2024-0000001 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Plan-MY2022-RMFRH13.1ABC-CTE0001-01 | MFR Report Name | MFR-IUT-2023-0000002 | HDD | IUT | 2022 | Approved | SUBMITTED | Date Time | First Last Name |
| IUT-Rejected Vehicles-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000003 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Usage History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000005 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Maintenance History-MY2022-RMFRH13.1ABC-CTE0001-P01-01 | MFR Report Name | MFR-IUT-2024-0000006 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000007 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T01-01 | MFR Report Name | MFR-IUT-2024-0000008 | HDD | IUT | 2022 | Failure Info Submitted | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T02 | MFR Report Name | MFR-IUT-2023-0000009 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Info-MY2022-RMFRH13.1ABC-CTE0001-P01-T02-02 | MFR Report Name | MFR-IUT-2024-0000010 | HDD | IUT | 2022 | Reviewed | SUBMITTED | Date Time | First Last Name |
| IUT-Failure Notification-MY2022-RMFRH13.1ABC-CTE0001-P01-T03 | MFR Report Name | MFR-IUT-2023-0000011 | HDD | IUT | 2022 | Failure Reported | SUBMITTED | Date Time | First Last Name |
| IUT-Family Info-MY2022-RMFRH13.1ABC-CTE0001 | MFR Report Name | MFR-IUT-2024-0000012 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Vehicle Info-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2024-0000013 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Engine Map Data-MY2022-RMFRH13.1ABC-CTE0001-P01 | MFR Report Name | MFR-IUT-2023-0000014 | HDD | IUT | 2022 | Received | SUBMITTED | Date Time | First Last Name |
| IUT-Testing Report-MY2022-RMFRH13.1ABC-CTE0001-P01-T01 | MFR Report Name | MFR-IUT-2023-0000015 | HDD | IUT | 2022 | Complete (Pass) | SUBMITTED | Date Time | First Last Name |

# Status of All Certified Families View

User can filter list for applicable **Engine Family**.

User can filter for In-Use Testing on the **Compliance Program** column.

Engine Families with the **MFR Family Testing Status** of ordered will unlock the MFR Family Testing Complete Indicator

The manufacturer can toggle **the MFR Testing Complete Indicator** to "Yes (Complete)" to notify EPA that all required report types have been submitted to meet the in-use testing requirements.

The **Date Ordered, Reporting Deadline,** and **Number of Completed/Required Tests** fields are managed by EPA.

**Search box** functionality can search across columns.

The **Family Testing Failure Indicator** will show if a Failure Notification Report Type has been submitted for the family/compliance program combination.

## Compliance Testing Status of All Certified Families

Search | HDD

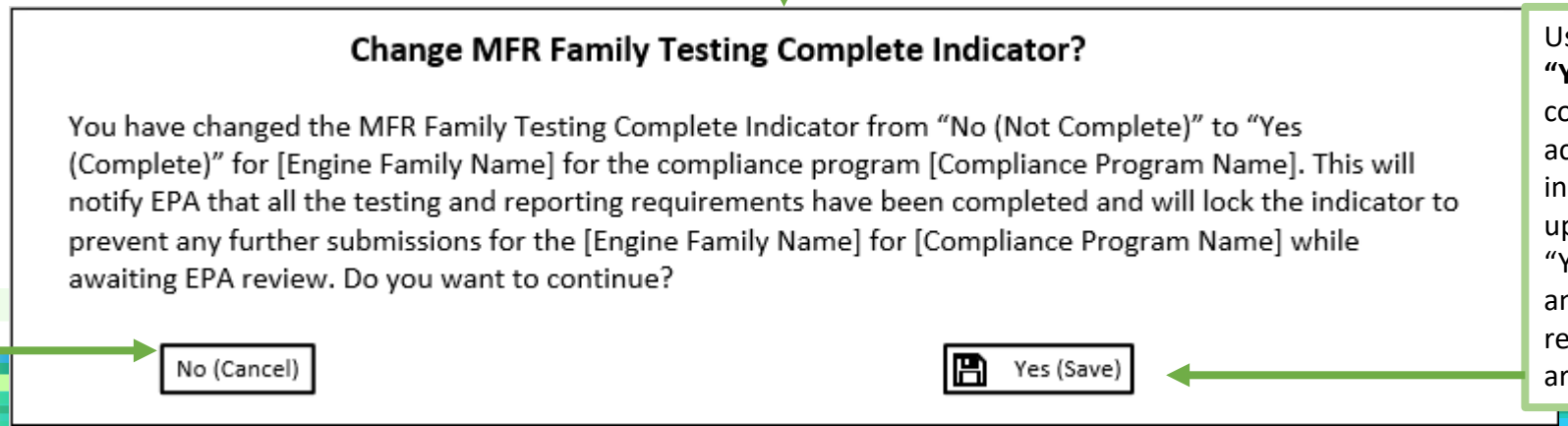
Return to Compliance Testing Home | Select Family For Testing

| Family Name | Model Year | Industry | Compliance Program | MFR Family Testing Status CR-?, CR-?, CR-? | MFR Family Testing Complete Indicator CR-?, CR-?, CR-? | Date Ordered/ Required/Selected for Testing CR-?, CR-?, CR-? | Reporting Deadline CR-? | # of Completed/Required Tests CR-?, CR-?, CR-? | Family Testing Failure Indicator CR-?, CR-?, CR-? | Waiver Requested? (Not For HDDIU) CR-?, CR-?, CR-? |
|---|---|---|---|---|---|---|---|---|---|---|
| RMFRH13.1ABC | 2022 | HDD | IUT | N/A | N/A | N/A | N/A | N/A | No | N/A |
| RMFRH13.1ABD | 2022 | HDD | IUT | Ordered | | 01/02/2023 | 07/01/2024 | 0 of 8 | No | N/A |
| RMFRH13.1XYX | 2019 | HDD | IUT | Ordered | | 01/02/2020 | N/A | 0 of 10 | No | N/A |
| RMFRH13.1XYZ | 2019 | HDD | IUT | Past Due | | 01/02/2020 | 07/01/2021 | 0 of 10 | No | N/A |
| RMFRH13.1GHI | 2019 | HDD | IUT | Waiting For EPA Review | | 01/02/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNP | 2019 | HDD | IUT | Additional Action Required | | 07/15/2024 | 09/12/2024 | 10 of 12 | Yes | N/A |
| RMFRH13.1MNQ | 2019 | HDD | IUT | Pass | | 01/03/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNR | 2019 | HDD | IUT | Fail | | 01/02/2023 | N/A | 12 of 12 | Yes | N/A |

Clicking any of the **Family Names** will return users to the Compliance Testing Home screen which will be filtered for that specific family.

# MFR Family Testing Complete Indicator

- Once all required report types are submitted and an Engine Family is marked as complete, the indicator will lock and no other reports for this family/compliance program can be submitted. This will notify EPA to begin their review.
- If any required reports are missing, a pop-up message will display the missing Report Types and the MFR Family Testing Complete Indicator toggle would change back to “No (Not Complete)”.
- If any additional information needs to be submitted after the family is marked as complete, the family/compliance program can only be unlocked again by contacting EPA.
- EPA may also request additional actions which will unlock the family so applicable reports can be revised or submitted.




User can click **“No (Cancel)”** to cancel the action and the indicator will toggle back to the “No (Not Complete)” status.

User can click **“Yes (Save)”** to confirm the action and the indicator will update to the “Yes (Complete)” and lock if all required reports are submitted.

# Status of All Certified Families EPA Actions

After EPA reviews the manufacturer reports, EPA can update the MFR Family Testing Status to **"Additional Action Required", "Pass, or "Fail".**

## Compliance Testing Status of All Certified Families

Search | HDD

Return to Compliance Testing Home | Select Family For Testing

| Family Name | Model Year | Industry | Compliance Program | MFR Family Testing Status CR-?, CR-?, CR-? | MFR Family Testing Complete Indicator CR-?, CR-?, CR-? | Date Ordered/ Required/Selected for Testing CR-?, CR-?, CR-? | Reporting Deadline CR-? | # of Completed/Required Tests CR-?, CR-?, CR-? | Family Testing Failure Indicator CR-?, CR-?, CR-? | Waiver Requested? (Not For HDDIU) CR-?, CR-?, CR-? |
|---|---|---|---|---|---|---|---|---|---|---|
| RMFRH13.1ABC | 2022 | HDD | IUT | N/A | N/A | N/A | N/A | N/A | No | N/A |
| RMFRH13.1ABD | 2022 | HDD | IUT | Ordered | | 01/02/2023 | 07/01/2024 | 0 of 8 | No | N/A |
| RMFRH13.1XYX | 2019 | HDD | IUT | Ordered | | 01/02/2020 | N/A | 0 of 10 | No | N/A |
| RMFRH13.1XYZ | 2019 | HDD | IUT | Past Due | | 01/02/2020 | 07/01/2021 | 0 of 10 | No | N/A |
| RMFRH13.1GHI | 2019 | HDD | IUT | Waiting For EPA Review | | 01/02/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNP | 2019 | HDD | IUT | Additional Action Required | | 07/15/2024 | 09/12/2024 | 10 of 12 | Yes | N/A |
| RMFRH13.1MNQ | 2019 | HDD | IUT | Pass | | 01/03/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNR | 2019 | HDD | IUT | Fail | | 01/02/2023 | N/A | 12 of 12 | Yes | N/A |

# Additional Action Required By Manufacturer

If **"Additional Action Required"** is selected by EPA, the record for that family/compliance program combination will unlock and the manufacturer will be notified in their CDX inbox to submit or update test information.

## Compliance Testing Status

Search | HDD

Return to Compliance Testing Home | Select Family For Testing

| Family Name | Model Year | Industry | Compliance Program | MFR Family Testing Status CR-?, CR-?, CR-? | MFR Family Testing Complete Indicator CR-?, CR-?, CR-? | Date Ordered/ Required/Selected for Testing CR-?, CR-?, CR-? | Reporting Deadline CR-? | # of Completed/Required Tests CR-?, CR-?, CR-? | Family Testing Failure Indicator CR-?, CR-?, CR-? | Waiver Requested? (Not For HDDIU) CR-?, CR-?, CR-? |
|---|---|---|---|---|---|---|---|---|---|---|
| RMFRH13.1ABC | 2022 | HDD | IUT | N/A | N/A | N/A | N/A | N/A | No | N/A |
| RMFRH13.1ABD | 2022 | HDD | IUT | Ordered | | 01/02/2023 | 07/01/2024 | 0 of 8 | No | N/A |
| RMFRH13.1XYX | 2019 | HDD | IUT | Ordered | | 01/02/2020 | N/A | 0 of 10 | No | N/A |
| RMFRH13.1XYZ | 2019 | HDD | IUT | Past Due | | 01/02/2020 | 07/01/2021 | 0 of 10 | No | N/A |
| RMFRH13.1GHI | 2019 | HDD | IUT | Waiting For EPA Review | | 01/02/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNP | 2019 | HDD | IUT | Additional Action Required | | 07/15/2024 | 09/12/2024 | 10 of 12 | Yes | N/A |
| RMFRH13.1MNQ | 2019 | HDD | IUT | Pass | | 01/03/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNR | 2019 | HDD | IUT | Fail | | 01/02/2023 | N/A | 12 of 12 | Yes | N/A |

# EPA Decision to Pass or Fail Engine Family's In-Use Testing

If **"Pass"** or **"Fail"** is selected by EPA, the MFR will be notified that the testing is officially completed.

## Compliance Testing Status of All Certified Families

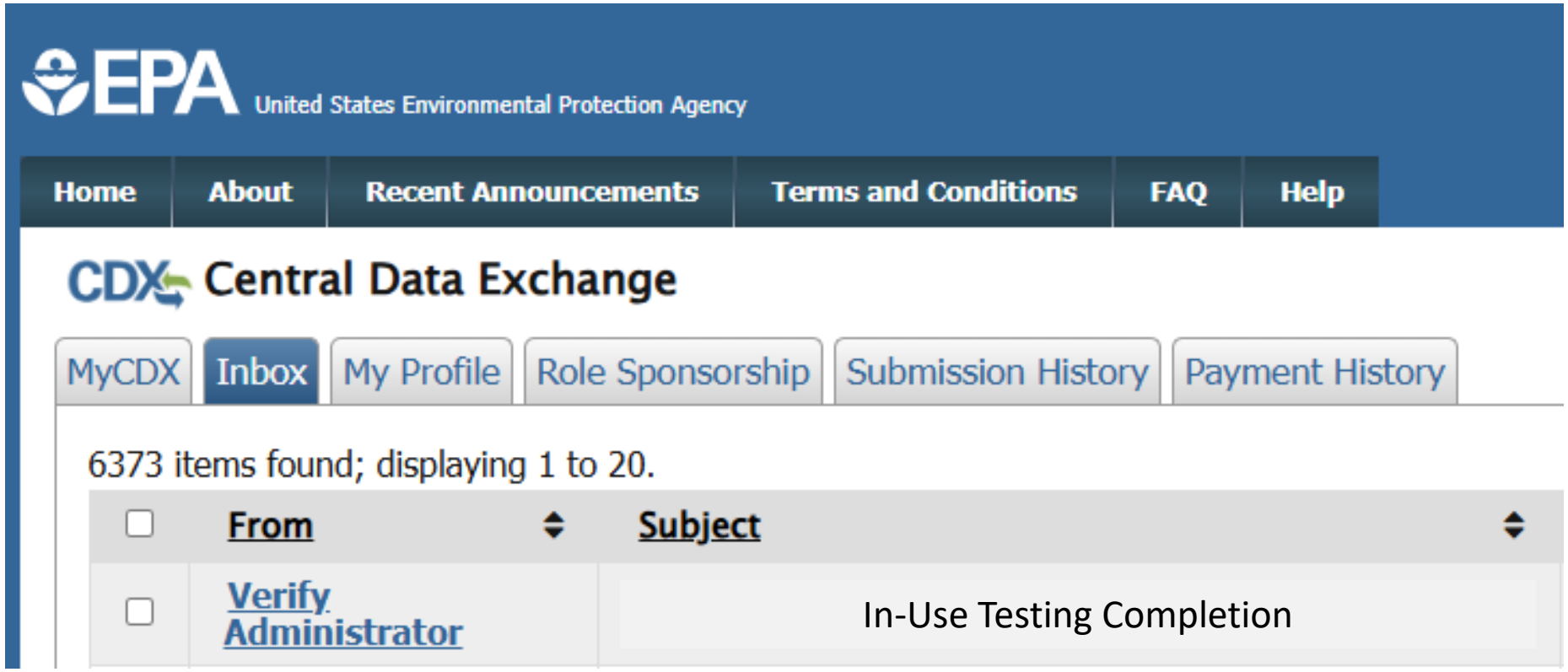
Search | HDD

Return to Compliance Testing Home | Select Family For Testing

| Family Name | Model Year | Industry | Compliance Program | MFR Family Testing Status CR-?, CR-?, CR-? | MFR Family Testing Complete Indicator CR-?, CR-?, CR-? | Date Ordered/ Required/Selected for Testing CR-?, CR-?, CR-? | Reporting Deadline CR-? | # of Completed/Required Tests CR-?, CR-?, CR-? | Family Testing Failure Indicator CR-?, CR-?, CR-? | Waiver Requested? (Not For HDDIU) CR-?, CR-?, CR-? |
|---|---|---|---|---|---|---|---|---|---|---|
| RMFRH13.1ABC | 2022 | HDD | IUT | N/A | N/A | N/A | N/A | N/A | No | N/A |
| RMFRH13.1ABD | 2022 | HDD | IUT | Ordered | | 01/02/2023 | 07/01/2024 | 0 of 8 | No | N/A |
| RMFRH13.1XYX | 2019 | HDD | IUT | Ordered | | 01/02/2020 | N/A | 0 of 10 | No | N/A |
| RMFRH13.1XYZ | 2019 | HDD | IUT | Past Due | | 01/02/2020 | 07/01/2021 | 0 of 10 | No | N/A |
| RMFRH13.1GHI | 2019 | HDD | IUT | Waiting For EPA Review | | 01/02/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNP | 2019 | HDD | IUT | Additional Action Required | | 07/15/2024 | 09/12/2024 | 10 of 12 | Yes | N/A |
| RMFRH13.1MNQ | 2019 | HDD | IUT | Pass | | 01/03/2022 | 07/01/2023 | 10 of 10 | No | N/A |
| RMFRH13.1MNR | 2019 | HDD | IUT | Fail | | 01/02/2023 | N/A | 12 of 12 | Yes | N/A |

# Notification of In-Use Testing Completion

Manufacturers will receive a notification from EV-CIS when a family is officially completed with In-Use testing.



# Timeline

- Timing for delivery of the new Compliance Testing Module in EV-CIS is still to be determined
- However, EPA is striving to have the new module available in EV-CIS no later than June 2028 to support Model Year 2027 in-use test orders

# Resources

**EV-CIS Website:**
https://www.epa.gov/vehicles-and-engines

**EV-CIS User Registration:**
https://www.epa.gov/ve-certification/how-register-engines-and-vehiclescompliance-information-system-ev-cis

**System Documentation for Heavy Duty Diesel In-Use Test Program:**
For now, the Webinar presentation will be posted at the following location:
https://www.epa.gov/ve-certification/system-documentation-heavy-duty-use-testing-program

***Note:*** *There may be some reorganization of the web site that accompanies the progress of this project. We will discuss any changes in subsequent presentations.*

# Contact

**EV-CIS Help Desk:**
Direct all system-related questions to the EV-CIS Help Desk
Email evcishelpdesk@epacdx.net

**EV-CIS Listserver:**
To sign up for the EV-CIS list server, send email to evcis-subscribe@lists.epa.gov

**Manufacturer Information and Guidance Listserver:**
To be notified when new manufacturer information, guidance letters and advisory circulars are issued for vehicle, engine, and equipment programs, join the Manufacturer Information list server by sending email to manufacturer-infosubscribe@lists.epa.gov.

**Submitting Input on EV-CIS Compliance Testing Module:**
If you have comments, questions, or input into these design efforts, email them to evcis@epa.gov with Subject Line “Input on EV-CIS Compliance Testing Module”

# Questions?