



# Certification and Fuel Economy for Light-Duty Passenger Cars and Trucks

Follow these steps for certification.

## STEP 1: Confirm that you have access to Engines and Vehicles Compliance Information System (EV-CIS).

You must register with EPA to gain access to EV-CIS *for the specific manufacturer code* for which you are seeking certification.

- How to register for EV-CIS <<https://epa.gov/ve-certification/how-register-engines-and-vehicles-compliance-information-system-ev-cis>>

You must also set up an account with EPA to establish the necessary EV-CIS roles.

- Account setup for EV-CIS <<https://epa.gov/ve-certification/account-setup-engines-and-vehicles-compliance-information-system-ev-cis>>

### Related Topic

For all onroad, see:

- Onroad Vehicles and Engines  
<<https://epa.gov/ve-certification/certification-and-compliance-onroad-vehicles-and-engines>>

## STEP 2: Update manufacturer information in EV-CIS.

To update information, users must have the "Maintain Manufacturer Information" role in EV-CIS. Otherwise, users will only be able to *view* the information.

### Information to Update

Updates include (but are not limited to):

- Industry sector(s);
- Addresses;
- Contacts and Industry/Compliance Programs;
- Test labs; and
- Notification email addresses (used for EV-CIS's broadcast notifications).

## STEP 3: Review all applicable regulations.

Regulations provide requirements for certification and compliance.

### Regulations

Review the following:

- 40 CFR Part 85 [🔗 <https://www.ecfr.gov/current/title-40/part-85>](https://www.ecfr.gov/current/title-40/part-85)  
Control of air pollution from mobile sources.
- 40 CFR Part 86 [🔗 <https://www.ecfr.gov/current/title-40/chapter-i/subchapter-c/part-86>](https://www.ecfr.gov/current/title-40/chapter-i/subchapter-c/part-86)  
Control of emissions from new and in-use highway vehicles and engines.

- 40 CFR Part 600 [🔗](https://www.ecfr.gov/current/title-40/chapter-i/subchapter-q/part-600) <<https://www.ecfr.gov/current/title-40/chapter-i/subchapter-q/part-600>>  
Fuel economy and greenhouse gas exhaust emissions of motor vehicles.

## Selected Guidance Letters

Review selected guidance letters:

- Information about Family Naming Conventions <<https://epa.gov/ve-certification/information-about-family-naming-conventions-vehicles-and-engines>>
- Fuel Economy Label Information for 2017 Model Year (pdf) (125 KB, July 18, 2016)
- Preparing Light-Duty Vehicles and Trucks for Chassis Testing at EPA's National Vehicle and Fuel Emissions Laboratory (NVFEL) (pdf) (172 KB, February 15, 2016)

To search all guidance letters, go to:

- EPA's Transportation and Air Quality Document Index System (DIS)  
<<https://iaspub.epa.gov/otaqpub/>>

## STEP 4: Pay appropriate certification fees, as applicable.

A fee payment may be required for each certificate issued by EPA.





For more details, go to: Fees Information <<https://epa.gov/ve-certification/fees-information-motor-vehicle-and-engine-compliance-program-mvecp>>

# STEP 5: Prepare certification and/or fuel economy application materials.

For each model year for an Engine Family, you must provide the applicable certification dataset and supporting materials.

## Support Documentation for Submissions

### Materials Specific to Passenger Cars and Trucks

- EV-CIS documentation for certification and fuel economy modules  
<<https://epa.gov/ve-certification/engines-and-vehicles-compliance-information-system-ev-cis-documentation>>
-  EPA Generic Multicycle Calculator (xlsx)  
<<https://www.epa.gov/sites/default/files/2020-02/epa-generic-multicycle-calculator-per-sae-j1634-2016-03-08.xlsx>> (February 2020)
-  EPA 2024 Generic Electric Vehicle Label Calculator (xlsm)  
<<https://www.epa.gov/system/files/other-files/2023-02/2024-generic-ev-label-calculator-2023-02-27.xlsm>> (February 2023)
-  EPA 2023 Generic Electric Vehicle Label Calculator (xlsm)  
<<https://www.epa.gov/system/files/other-files/2022-01/2023-generic-ev-label-calculator-2022-01-19.xlsm>> (January 2022)
-  EPA Plug-In Hybrid Electric Vehicle Calculator (xlsm)  
<<https://www.epa.gov/system/files/documents/2025-04/phev-calculator-v28b-2025-04-21.xlsm>> (808.56 KB, updated April 2025)

### Materials for All EV-CIS Users

- Software release notes for EV-CIS <<https://epa.gov/ve-certification/software-release-notes-engines-and-vehicles-compliance-information-system-ev-cis>>

- EV-CIS documentation for request for certificate (RFC) module  
<<https://epa.gov/ve-certification/engines-and-vehicles-compliance-information-system-ev-cis-documentation-request>>  
Includes data requirements and business rules.
- EV-CIS documentation for cross-industry services <<https://epa.gov/ve-certification/engines-and-vehicles-compliance-information-system-ev-cis-documentation-cross>>  
Includes data requirements and business rules.

## **STEP 6: Submit the completed certification and/or fuel economy application materials in EV-CIS.**

Login to EV-CIS through the CDX portal: Central Data Exchange (CDX) <<https://epa.gov/cdx>>

Click the applicable industry role on the MyCDX homepage.

Submit the completed certification and/or fuel economy dataset(s) and upload any required supporting materials.

## **STEP 7: Confirm that your submission(s) from Step 6 were accepted by EV-CIS.**

Within a few minutes of all submissions, the submitter will receive a notification in their CDX inbox indicating whether the submission was accepted or rejected.

To access your CDX inbox, click the "Inbox" link on the left navigation bar of the MyCDX homepage.

## STEP 8: Submit a request for certificate (RFC).

A CROMERR signer must submit an RFC for each Test Group.

To do so, click the "CROMERR Signer" role on your MyCDX homepage.

Additional resources:

- For more about submitting an RFC, see: Materials for RFC Module <<https://epa.gov/ve-certification/materials-cromerr-and-engines-and-vehicles-compliance-information-systems-ev-cis>>

## STEP 9: Receive Certificate of Conformity.

The CROMERR signer will receive the certificate in his or her CDX inbox.

To access your CDX inbox, click the "Inbox" link on the left navigation bar.

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