

Improvements for Heavy-Duty Engine and Vehicle Test Procedures: Supplemental Proposal

This supplemental proposal includes additional corrections, clarifications, flexibilities, and adjustment factors to improve the Greenhouse gas Emissions Model (GEM) compliance tool for heavy-duty vehicles.

This proposal supplements the original proposed rule published on May 12, 2020 (85 FR 28153) titled “Improvements for Heavy-Duty Engine and Vehicle Test Procedures, and other Technical Amendments” which included a larger set of proposed revisions to modify and improve the GEM compliance tool. In this action EPA proposes additional amendments concerning certain aspects of GEM. The changes proposed in this action would result in an improved and more accurate model that more closely matches the outputs produced by GEM 3.0, the model used to establish CO₂ emission standards for Model Year 2021 and later in the 2016 Heavy-duty Phase II final rule. The proposed amendments included in this notice would be required for model year 2022 and later vehicles and optional for model year 2021. Given the nature and limited scope of this supplemental proposal, there will be neither significant environmental impacts nor significant economic impacts for any sector.

Which Products would be Affected?

The proposed GEM improvements would affect emission certification of the following products:

- Heavy-duty vehicles
- Heavy-duty engines

Who would be Affected by these Changes?

The changes would primarily affect manufacturers, importers, and secondary manufacturers seeking certification for medium or heavy-duty vehicles and engines. The changes to the GEM compliance tool procedure would also affect organizations that perform certification testing, such as independent test laboratories.

Public Participation Opportunities

EPA welcomes comments on this supplemental proposed rule. Please see www2.epa.gov/dockets/commenting-epa-dockets for more information on how to submit comments. The comment period will be open for 60 days after this proposal is published in the Federal Register. All comments should be identified by Docket ID No. EPA-HQ-OAR-2019-0307 and submitted by one of the following methods:

Internet: www.regulations.gov
E-mail: A-and-R-Docket@epa.gov

U.S. Postal Service address:

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For More Information

You can access the rule and related documents on EPA's Office of Transportation and Air Quality website at:

www.epa.gov/vehicle-and-fuel-emissions-testing/engine-testing-regulations.