

Supplemental Proposed Rule

Revisions and Confidentiality Determinations for Data Elements Under the Greenhouse Gas Reporting Rule



Actions

The U.S. Environmental Protection Agency (EPA) is amending specific provisions of the Greenhouse Gas Reporting Program (GHGRP). The revisions consist of three parts: amendments related to global warming potentials (GWPs), amendments to expand the GHGRP to new source categories, and amendments for certain sectors that will improve the data collected and program implementation.

In addition, EPA is making confidentiality determinations for data elements added or revised in this final rule as well as for existing data elements where no confidentiality determination has previously been made. These determinations establish whether data submitted to the EPA will be entitled to confidential treatment.



Background

Congress authorized funding for the creation of the GHGRP in the Fiscal Year 2008 Consolidated Appropriations Act, and EPA promulgated the program under Clean Air Act authority. The GHGRP currently requires reporting of greenhouse gas (GHG) data from certain large GHG emission sources, fuel and industrial gas suppliers, and CO₂ injection sites in the United States. The GHGRP includes 41 source categories, covering more than 8,000 facilities, and has published thirteen years of data from most source categories.

In June of 2022, EPA proposed amendments to the GHGRP that would address changes in industry practices; adopt improved calculation and monitoring methods; and collect new data to understand new source categories or new emissions sources for specific sectors (2022 Data Quality Improvements Proposal, 87 FR 36920, June 21, 2022).

In May of 2023, EPA issued a supplemental proposal where EPA had received or identified new information to further improve the GHGRP (88 FR 32852, May 22, 2023). Proposed revisions included a comprehensive update to the GWPs; the addition of several new subparts; and improvements to calculation, monitoring, and recordkeeping requirements. EPA also proposed to clarify or correct specific provisions from the 2022 Data Quality Improvements Proposal.



Final Amendments

EPA is revising Table A-1 of Subpart A (General Provisions) to include updated GWPs. This reflects advances in scientific knowledge, better characterizes the climate impacts of certain GHGs, and adopts values agreed upon by the Parties to the United Nations Framework Convention on Climate Change. This also maintains comparability and consistency with the Inventory of U.S. Greenhouse Gas Emissions and Sinks and other analyses produced by EPA.

EPA is adding five new subparts to the GHGRP. The addition of these categories improves the coverage of the GHGRP and will inform the development of GHG policies and programs under the Clean Air Act. The amendments include new monitoring, calculation, reporting, and record keeping requirements as well as source category definitions for the following sources:

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- VV (Geologic Sequestration of Carbon Dioxide With Enhanced Oil Recovery Using ISO 27916)
- WW (Coke Calciners)
- XX (Calcium Carbide Production)
- YY (Caprolactam, Glyoxal, and Glyoxylic Acid Production)
- ZZ (Ceramics Production)

EPA is revising the following subparts to address gaps in emissions reporting, update existing estimation methodologies, improve data verification, clarify certain requirements, or make limited technical corrections.

- A (General Provisions)
- C (Stationary Fuel Combustion Sources)
- G (Ammonia Manufacturing)
- H (Cement Production)
- I (Electronics Manufacturing)
- N (Glass Production)
- P (Hydrogen Production)
- Q (Iron and Steel Production)
- S (Lime Manufacturing)
- U (Miscellaneous Uses of Carbonate)
- X (Petrochemical Production)
- Y (Petroleum Refineries)
- AA (Pulp and Paper Manufacturing)
- BB (Silicon Carbide Production)
- DD (Electrical Transmission & Distribution Equipment Use)
- FF (Underground Coal Mines)
- GG (Zinc Production)
- HH (Municipal Solid Waste Landfills)
- OO (Suppliers of Industrial Greenhouse Gases)
- PP (Suppliers of Carbon Dioxide)
- QQ (Importers & Exporters of F-GHGs Contained in Pre-Charged Equipment & Closed-Cell Foams)
- RR (Geologic Sequestration of Carbon Dioxide)
- SS (Electrical Equipment Manufacture or Refurbishment)
- UU (Injection of Carbon Dioxide)

The revisions will go into effect on January 1, 2025. Reporters will implement the changes beginning with annual GHG reports prepared for the 2025 reporting year and submitted on or before March 31, 2026.

There is one exception to this schedule with regards to the GWP amendments for current reporters. The GWP amendments for such reporters will apply to annual GHG reports prepared for calendar year 2024 and submitted on or before March 31, 2025.



More Information

For more information on the GHGRP and an unofficial prepublication version of this action, please visit our Web site: <https://www.epa.gov/ghgreporting/rulemaking-notice-ghg-reporting>. The Federal Register notice for this proposal will be posted on this webpage when it is available.