

Suppliers of Petroleum Products

Subpart MM, Greenhouse Gas Reporting Program

Measure these parameters for each supplier of petroleum products:



What Must Be Monitored?

For petroleum refineries:

- The volume or mass of each petroleum product and natural gas liquid (NGL) (metric tons or barrels (bbl)) produced and leaving the facility using an appropriate standard method published by a consensus-based standards organization or, if a published method does not exist, using industry standard practices.

Note: you are not required to measure the quantity of petroleum products that exit the facility related to quantities of petroleum products that are received but are not further refined, processed or used at the refinery.

- The volume or mass of each petroleum product and each NGL that enters the refinery to be further refined, processed, or otherwise used on-site (metric tons or bbl) using an appropriate standard method published by a consensus-based standards organization or, if a published method does not exist, using industry standard practices.
- The volume or mass of each type of biomass that enters the refinery and is co-processed with petroleum feedstock (metric tons or bbl) using an appropriate standard method published by a consensus-based standards organization or, if a published method does not exist, using industry standard practices.
- The annual quantity of crude oil that enters the refinery (bbl) using either an appropriate standard method published by a consensus-based standards organization or industry standard practices.

For importers and exporters of petroleum products and NGLs:

- Annual volume or mass of each petroleum product and NGL imported or exported (metric tons or bbl) using an appropriate standard method published by a consensus-based standards organization or, if a published method does not exist, using industry standard practices.

For petroleum refineries, importers or exporters of petroleum products and NGLs electing to use Calculation Method 2 to estimate emission factors (EFs), collect one sample of that petroleum product or NGL on any day of the calendar month in which the quantity of that product was measured in accordance with the requirements of the subpart and monitor these parameters:

- Density of collected sample(s) for non-solid petroleum products or NGLs by either making a physical composite of all of the samples collected for the reporting year and testing that single sample or by measuring the individual samples throughout the year and defining the representative density value for the set by numerical means.
- Carbon (C) share of collected sample(s) by either making a physical composite of all of the samples collected for the reporting year and testing that single sample or by measuring the individual samples throughout the year and defining the representative C share value for the set by numerical means.



For More Information

For additional information and resources on Subpart MM, please visit the [Subpart MM webpage](#).

This monitoring checklist is provided solely for informational purposes. It does not replace the need to read and comply with the regulatory text contained in the rule. Rather, it is intended to help reporting facilities and suppliers understand key provisions of the GHGRP. It does not provide legal advice; have a legally binding effect; or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits with regard to any person or entity.