

Draft Final-Form Rulemaking

Chapter 129:

Control of VOC Emissions from
Large Petroleum Dry Cleaners, Shipbuilding and
Repair Coating Operations, and SOCMI Reactors,
Distillation, and Air Oxidation Processes

Air Quality Technical Advisory Committee

August 18, 2022

Harrisburg, PA

Overview

Purpose

When finalized, this draft final-form rulemaking will control VOC emissions from certain existing sources and assist the DEP in certifying Control Techniques Guidelines (CTGs) to meet requirements under the Clean Air Act and the EPA 2015 Ozone Implementation Rule.

VOC CTGs addressed by this draft final-form rulemaking include:

- Large Petroleum Solvent Drycleaners,
- Shipbuilding and Ship Repair Coatings,
- Air Oxidation Processes for Synthetic Organic Chemical Manufacturing Industry (SOCMI), and
- Reactor & Distillation Processes for SOCMI.

For more information about the CTGs, visit the EPA's web site at:

<https://www.epa.gov/ground-level-ozone-pollution/control-techniques-guidelines-and-alternative-control-techniques>

RACT Requirements

Upon Promulgation of this final-form rulemaking, the Reasonably Available Control Technology (RACT) requirements in §§ 129.52, 129.63b and 129.71a would supersede the requirements specified in a RACT permit issued to the owner and operator of an affected source unless the RACT permit contains more stringent requirements for that facility.

Comment and Response

The following comments were received on the proposed rulemaking during the comment period:

- A commentator suggested a correction to footnote "b" associated with proposed revisions to § 129.52 Table I Category 12, Shipbuilding and Ship Repair Coatings. The commentator suggested that footnote "b" should be corrected as follows: "...multiply the limit by (3.785 liter/gallon)." The Department used a comma instead of a period in the conversion constant which would cause the regulated community to perform an improper calculation when converting from metric units to English/Imperial units.

Comment and Response

The Independent Regulatory Review Commission (IRRC) provided the following comments to the Board on the proposed rulemaking during the comment period:

- IRRC made a comment to add a reference to “ASTM 4256-89 or 94” to the definition of “Nuclear specialty coating” in this final-form rulemaking.
- IRRC made a comment to define the term “as supplied” in this final-form rule making.
- IRRC suggested that the corrections be made to the typographical error in footnote "b" as specified by the commentator during the comment period.
- The Department addressed the ASTM reference for “Nuclear specialty coating.”
- The Department clarified in the final-form rulemaking comment response document that the term “as supplied” is already defined in § 121.1.
- The Department changed comma to period in the conversion constant in “footnote "b" as requested by the commentator.

▶ Amendments to Draft Final-Form Annex A

The following amendments were made to § 129.71a, Table 1, ‘List of Regulated SOCM Chemicals’ from the proposed rulemaking to this final-form rulemaking:

- Deleted “Alcohols, C-11 or higher, mixtures-”.
- Added “Alcohols, C-12 or higher, mixtures-”.
- Amended first Alcohols, C-12 or higher, unmixed row to add distillation process New Source Performance Standards (NSPS) chemicals and reactor process NSPS chemicals.
- Deleted duplicate row for “Alcohols, C-12 or higher, unmixed.”

Anticipated Rulemaking Schedule

- CAC PRO
June 27, 2022 - Discuss draft final-form Annex A
- CAC
July 19, 2022 - Discuss draft final-form Annex A
- AQTAC
August 18, 2022 –Discuss draft final-form Annex A
- SBCAC
August 24, 2022 - Discuss draft final-form Annex A
- EQB
October 12, 2022 - Discuss draft final-form Annex A
- Final-form Rulemaking Promulgated
4th Quarter 2022

QUESTIONS????

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