

Nebraska Department of Water, Energy, and Environment

The National Emission Standards for Hazardous Air Pollutants (NESHAP) and New Source Performance Standards (NSPS) notebooks are to be used as an assistance tool to help comply with state and federal regulations. The Notebooks are not inclusive and are not meant to serve as a substitute for compliance with all applicable regulations. If you have corrections, comments, or questions regarding the notebooks, NSPS, NESHAP or permitting, please contact us at DWEE.AirQuality@nebraska.gov or 402-471-2186.

NSPS Notebook

Volatile Organic Compound (VOC) Emissions From the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes After October 21, 1983, and on or Before April 25, 2023

eCFR 40 CFR Part 60 Subpart III

40 CFR Part 60 Subpart III	Volatile Organic Compound (VOC) Emissions From the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes After October 21, 1983, and on or Before April 25, 2023
Amendment Dates	09/12/2024 05/16/2024 10/17/2000 12/14/2000 09/07/1990 06/29/1990
Am I Subject to this subpart?	I. This subpart applies to: (A) Affected facilities that produce any of the chemicals listed in 40 CFR 60.617 as a product, co-product, by-product, or intermediate, and that commence construction, modification, or reconstruction after October 21, 1983 and on or before April 25, 2023 (B) Affected facilities: (1) Air oxidation reactors not discharging their vent stream into a recovery system; (2) Combination of air oxidation reactors and the recovery system into which its vent stream is discharged; (3) Combinations of two or more air oxidation reactors and the common recovery system into which their vent streams are discharged II. Partially exempt*: (A) Affected facilities that have a total resource effectiveness (TRE) index value greater than 4.0.

	*Exempt from some rule provisions only. Please see rule text for full details.
Related Rules	NSPS - 40 CFR Part 60 Subpart IIIa – VOC from SOCM Subpart VV - Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006 Subpart VVa - Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006, and on or Before April 25, 2023 Subpart NNN - Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations After December 30, 1983, and on or Before April 25, 2023 Subpart RRR - Volatile Organic Compound Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes After June 29, 1990, and on or Before April 25, 2023 (SOCMI reactor processes); NESHAP - 40 CFR Part 63 Subpart FFFF - Misc. organic chemical production & processes (MON) Subpart F - Portland Cement Plants Subpart G - Nitric Acid Plants Subpart H - Sulfuric Acid Plants Subpart J - Polyvinyl chloride and copolymers production, Subpart DDDDDD - Polyvinyl chloride and copolymers production Subpart U - Phosphate Fertilizer Industry: Superphosphoric Acid Plants Subpart W – Phosphate Fertilizer Industry: Triple Superphosphate Plants Subpart JJJ - Petroleum Dry Cleaners Subpart OOO - Nonmetallic Mineral Processing Plants Subpart XX - Ethylene manufacturing Subpart PPP - Polyether polyols production Subpart HHHHH - Miscellaneous coating manufacturing

