

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.

Air Toxics Notebook

Synthetic Organic Chemical Manufacturing Industry (SOCMI)

eCFR 40 CFR Part 63 Subpart F

40 CFR Part 63 Subpart F	Synthetic Organic Chemical Manufacturing Industry (SOCMI)																						
Amendment Dates	<table><tr><td>05/16/2024</td><td>12/05/1996</td></tr><tr><td>01/22/2001</td><td>06/20/1996</td></tr><tr><td>11/19/2020</td><td>04/20/1996</td></tr><tr><td>12/21/2006</td><td>02/29/1996</td></tr><tr><td>04/20/2006</td><td>12/12/1995</td></tr><tr><td>06/23/2003</td><td>04/10/1995</td></tr><tr><td>01/22/2001</td><td>01/27/1995</td></tr><tr><td>05/08/2000</td><td>10/28/1994</td></tr><tr><td>04/26/1999</td><td>10/24/1994</td></tr><tr><td>05/12/1998</td><td>09/20/1994</td></tr><tr><td>01/17/1997</td><td>04/22/1994</td></tr></table>	05/16/2024	12/05/1996	01/22/2001	06/20/1996	11/19/2020	04/20/1996	12/21/2006	02/29/1996	04/20/2006	12/12/1995	06/23/2003	04/10/1995	01/22/2001	01/27/1995	05/08/2000	10/28/1994	04/26/1999	10/24/1994	05/12/1998	09/20/1994	01/17/1997	04/22/1994
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Am I Subject to this subpart?	I. This subpart applies to: (A) Chemical manufacturing process units and the associated equipment that meet all of the following criteria: (1) Manufacture as a primary product any of the following: (2) Tetrahydrobenzaldehyde (CAS# 100-50-5); (3) Crotonaldehyde (CAS# 123-73-9); (4) Any of the chemicals listed in Table 1 of this subpart (B) Use as a reactant or manufacture as a product or co-product any of the HAPs listed in Table 2 of this subpart. (C) Located at a Major Source of HAPs*; (D) The applicability provisions, definitions, and other general provisions in this subpart also apply to NESHAP G and NESHAP H *Major Sources of HAPs emit or have the potential to emit: (1) ≥ 10 tons/year of any single HAP; or																						

	(2) ≥ 25 tons/year of total HAPs. Area Sources emit less than Major Sources.
Related Rules	NSPS – 40 CFR Part 60 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 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 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 Subpart Kb - Volatile Organic Liquid Storage Vessels (including Petroleum Liquids Storage Vessels) for which Construction, Reconstruction, or Modification Commenced After July 23, 1984 and On or Before October 4, 2023 Subpart T - Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants Subpart U - Phosphate Fertilizer Industry: Superphosphoric Acid Plants Subpart V - Phosphate Fertilizer Industry: Diammonium Phosphate Plants Subpart W - Phosphate Fertilizer Industry: Triple Superphosphate Plants

Related Rules	NSPS – 40 CFR Part 60 Subpart X - Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities Subpart PP - Ammonium Sulfate Manufacture NESHAP - 40 CFR Part 63 Subpart G - Equipment Specific Organic Hazardous Air Pollutants from SOCMI Subpart H - Equipment Leaks for Organic Hazardous Air Pollutants from SOCMI Subpart I - Equipment Leaks of Hazardous Organics from Non-SOCMI Sources Subpart FFFF – Misc. Organic Chemical Production and Processes Subpart HHHHH – Misc. Coating Manufacturing Subpart VVVVVV - Chemical Manufacturing (area sources)
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