

# 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](mailto:DWEE.AirQuality@nebraska.gov) or 402-471-2186.

## NSPS Notebook

### Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations for Which Construction, Reconstruction, or Modification Commenced After April 25, 2023

#### eCFR 40 CFR Part 60 Subpart NNNa

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| <b>40 CFR Part 60 Subpart NNNa</b>   | Volatile Organic Compound (VOC) Emissions From Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations for Which Construction, Reconstruction, or Modification Commenced After April 25, 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Amendment Dates</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Am I Subject to this subpart?</b> | <p><b>I. This subpart applies to:</b></p> <ul style="list-style-type: none"><li>(A) Affected facilities that are part of a process unit that produces any of the chemicals listed in 40 CFR 60.667 as a product, co-product, by-product, or intermediate, and that commence construction, modification, or reconstruction after April 25, 2023</li><li>(B) Affected facilities:<ul style="list-style-type: none"><li>(1) Distillation units not discharging their vent stream into a recovery system;</li><li>(2) Combination of distillation unit and the recovery system into which its vent stream is discharged;</li><li>(3) Combination of two or more distillation units and the common recovery system into which their vent streams are discharged</li></ul></li></ul> <p><b>II. Not subject to this subpart:</b></p> <ul style="list-style-type: none"><li>(A) Distillation units operating as part of a process unit that produces coal tar or beverage alcohol</li><li>(B) Distillation units that do not use, contain, or produce VOC</li><li>(C) Distillation units subject to <u>NSPS DDD</u></li><li>(D) Distillation units that are designed and operated as batch operations</li></ul> |

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|                          | <p>(E) Affected facilities with a total resource effectiveness (TRE) index value greater than 8.0;</p> <p>(F) Affected facilities in a process unit with a total design capacity for all chemicals produced within that unit of less than one gigagram per year;</p> <p>(G) Affected facilities operated with a vent stream flow rate less than 0.008 scm/min.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Related Rules</b>     | <p><b>NSPS - 40 CFR Part 60</b></p> <p>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</p> <p>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</p> <p>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</p> <p>Subpart IIIa - Volatile Organic Compound (VOC) Emissions From the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes for Which Construction, Reconstruction, or Modification Commenced After April 25, 2023</p> <p>Subpart DDD - VOC Emissions from the Polymer Manufacturing Industry</p> <p>Subpart NNNa - SOCMI Distillation Operations</p> <p>Subpart RRR - SOCMI reactor processes</p> <p><b>NESHAP - 40 CFR Part 63</b></p> <p>Subpart CCC - Steel pickling plants</p> <p>Subpart EEEEE - Iron and steel foundries</p> <p>Subpart FFFFF - Integrated iron and steel</p> <p>Subpart YYYYY - EAF</p> <p>Subpart ZZZZZ - Iron and steel foundries</p> |
| <b>Page Last Updated</b> | 07/01/2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |