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# Other Solid Waste Incinerators (OSWI) Revisions to Definitions Supplemental Notice of Proposed Rulemaking

Overview

August 2024

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# Overview of Other Solid Waste Incineration (OSWI)

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## Very Small Municipal Waste Combustion Unit (VSMWC)

- Any municipal waste combustion unit that has the capacity to **combust less than 35 tons per day (tpd)** of municipal solid waste or refuse-derived fuel.
- Municipal solid waste is **nonhazardous solid waste or refuse** collected from residential, commercial, institutional, and industrial sources.

## Institutional Waste Incineration Unit (IWI)

- Any combustion unit that combusts **institutional waste** and is a distinct operating unit of the institutional facility that generated the waste.
- Incinerators located at institutions (e.g., public or private school; college or university; church or civic organization; fire or police department; town, city, county, State or Federal government; etc.) that burn solid waste generated on site.

# What action is the Agency taking in this proposed action?

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Proposing to add definition for **rudimentary combustion device**

- A combustion device with a **capacity less than or equal to 10 tpd** that is designed and constructed without one or more of the following design elements:
  - stack, chimney, or pipe designed for the purpose of managing air flow and discharging flue gases from combustion
  - mechanical draft to provide air flow
  - burners designed to manage the combustion process
  - an ancillary power supply to operate; or
  - supplemental fuel burners or nozzles.
- Proposing to **postpone developing standards** for these devices.

# Comments on supplemental proposed action

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## Additional data needed to refine definition of rudimentary combustion device

- Parameters that should be considered for rudimentary combustion device
- Capacity (tpd) and location of specific units
- Number of devices per rural community
- The five design elements, and any emissions test information available for them
- Number of individuals in rural communities that use a rudimentary combustion device

# Comments on supplemental proposed action, cont.

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## Information on rudimentary combustion device definition

- Proposed capacity threshold of less than or equal to 10 tpd for a rudimentary combustion device
- Whether a smaller capacity threshold of less than 10 tpd would adequately capture these rudimentary combustion devices
- If this proposed definition, including the amount of waste being burned in rudimentary combustion devices, presents regulatory issues or unintended consequence

# What facilities are affected by this rulemaking?

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- We do not believe that we have complete information on the number of rudimentary combustion devices and where they may be located
- There may **hundreds** of units that could be classified as rudimentary combustion devices in Alaska.
- Rudimentary combustion devices **may be regulated by local governments** through zoning or other ordinances.

# What are the air quality impacts?

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- **No air quality impacts** associated with this supplemental proposal.
- Addition of rudimentary combustion device definition **does not affect stringency** of 40 CFR part 60, subparts EEEE or FFFF standards.

# Comment period/Public hearing

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- On **July 25, 2024**, the OSWI supplemental proposal was published in **Federal Register**
- EPA will accept comments for 45 days after the supplemental proposal is published in the Federal Register.
  - Note that we are not taking comment on the other aspects of the August 2020 proposal
- The 45-day public comment period ends on **September 9, 2024**
  - <https://www.regulations.gov/docket/EPA-HQ-OAR-2003-0156>
- For updates on the proposed rulemaking and more information:
  - <https://www.epa.gov/stationary-sources-air-pollution/other-solid-waste-incinerators-oswi-new-source-performance>



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# Questions?

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