

DEQ Operations Division

Proposed Adoption of Federal Air Quality Regulations

July 12, 2017

Proposed Adoption of Federal Air Quality Regulations

Presentation Outline

- **Background**
- **Regulations proposed for adoption**
- **Motion**

Proposed Adoption of Federal Air Quality Regulations

Background Information – Federal AQ Regulations

- **Why adopt Federal AQ Regulations into Oregon law?**
 - **Oregon has adopted most if not all federal AQ regulations**
 - **Public benefit - DEQ in a better position to ensure that emission reductions are achieved in Oregon**
 - **Benefit to affected businesses –technical assistance and quicker applicability determinations and approval of alternative compliance demonstrations**

Proposed Adoption of Federal Air Quality Regulations

Background Information – Federal AQ Regulations

National Emission Standards for Hazardous Air Pollutants (NESHAP)

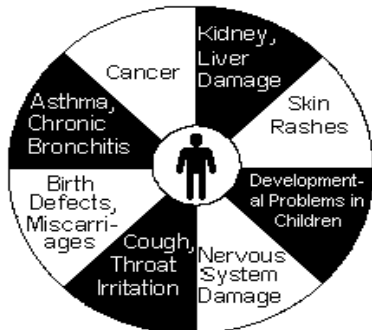
**New
Sources**



**Existing
Sources**



Pollutants



Hazardous Air Pollutants (HAP)

Sources



**Major Sources
($\geq 10/25$ tons)**



**Area Sources
($< 10/25$ tons)**



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Background Information – Federal AQ Regulations

New Source Performance Standards (NSPS)

New Sources



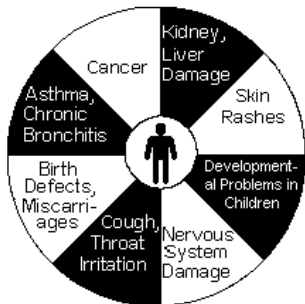
Emission Guidelines

Existing Sources

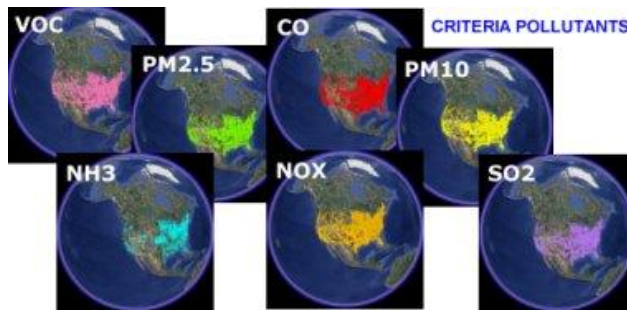


Pollutants

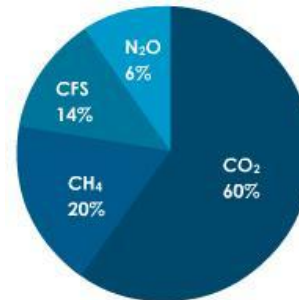
Sources



HAPs



Criteria Pollutants



Greenhouse Gases



Significant Sources

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Background Information – Federal AQ Regulations



**New Source
Performance Standards
(NSPS)**



**National Emission Standards
for Hazardous Air Pollutants
(NESHAP)**



Emission Guidelines



EPA Adoption

Do not apply upon EPA adoption



State Adoption/Implementation

**Apply upon state adoption or
adoption of federal plan**

EPA Adoption

Apply upon EPA adoption

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Proposed Rules Adopt new federal standards



**Crude Oil and Natural Gas
Facilities (NSPS)**



Electric Generating Units (NSPS)



Kraft Pulp Mills (NSPS)



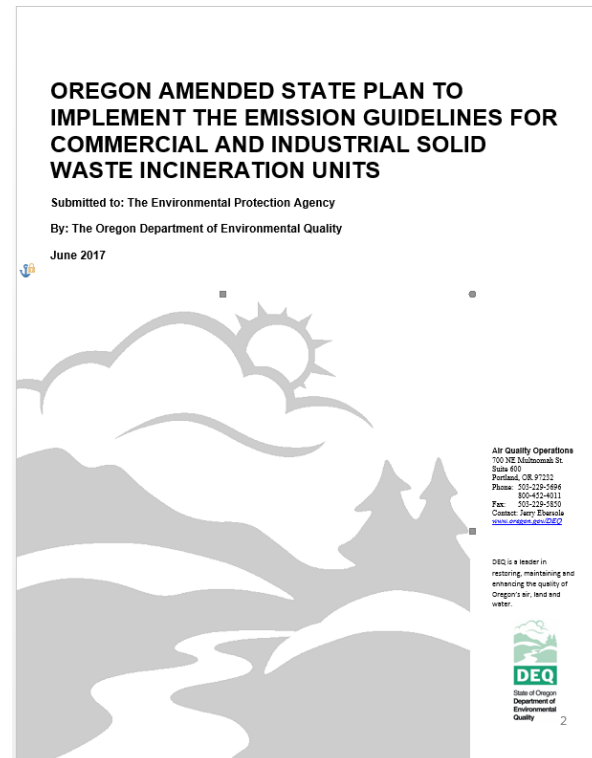
**Wool Fiberglass
Manufacturing
(AS NESHA)**

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Proposed Rules – Adopt rules to implement amended federal emission guidelines



**Commercial/Industrial
Solid Waste Incinerators**



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Proposed rules: adopt by reference – amended federal standards

- **NESHAPs (examples):**
 - **Electric arc furnaces steelmaking facilities**
 - **Electric utility steam generating units**
 - **Industrial/commercial/industrial boilers**
 - **Portland cement plants**
 - **Secondary aluminum production**
- **NSPSs (examples):**
 - **Electric utility steam generating units**
 - **Portland cement plants**

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Public Outreach

- **No advisory committee:**
 - **Federal AQ regulations adopted by reference**
 - **Fiscal impact occurred when EPA adopted regulations**
- **Public comments:**
 - **EPA:**
 - **commented on the proposed rules;**
 - **DEQ agreed and made the necessary changes**
 - **Industry rep:**
 - **“we support state adoption of the federal rule changes to keep Oregon’s air quality program current with federal standards”**

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Summary

- **This rulemaking proposes adoption of:**
 - **New federal AQ standards**
 - **Amended federal AQ standards**
 - **Adoption of rules and approval of state plan to implement amended federal emission guidelines for commercial and industrial solid waste incineration units**

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DEQ Recommendation

- **Adopt the proposed permanent rules in Attachment A as part of chapter 340 of the Oregon Administrative Rules.**
- **Approve the state plan to implement amended federal emission guidelines for commercial and industrial solid waste incineration units in Attachment B; and**
- **Direct DEQ to submit the state plan and delegation requests to the EPA for approval.**

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Questions?

Documents can be provided upon request in an alternate format for individuals with disabilities or in a language other than English for people with limited English skills. To request a document in another format or language, call DEQ in Portland at 503-229-5696, or toll-free in Oregon at 1-800-452-4011, ext. 5696; or email deqinfo@deq.state.or.us.