**Draft Particulate and Opacity Standard Options**

**Original concept**

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| --- | --- | --- |
| **Date** | **Pre 1970 Equipment** | **Post 1970 Equipment** |
| Now | .2 particulate and 40% opacity | .1 particulate and 20% opacity |
| 2015 | .20 particulate and 20% opacity | .1 particulate and 20% opacity |
| 2019 w/ option for extension  | .10 particulate and 20% opacity | .10 particulate and 20% opacity |

**Additional options for consideration by the Fiscal Advisory Committee\*\***

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| **Date** | **Pre 1970 Equipment** | **Post 1970 Equipment** |
| Now | .2 particulate and 40% opacity | .1 particulate and 20% opacity |
| 2015 w/option for extension | .20 particulate and 40% opacity | .1 particulate and 20% opacity |
| 2019 w/option for extension | .10 to .16 particulate\* and 20% opacity if achievable, or: Alternate particulate standard Option 1: Source specific particulate standard based on new or upgraded dust collector Option 2:Less stringent particulate standard if modeling shows no violationAlternate opacity limit:Source specific opacity limit based on in-stack monitoring dataExemptions (particulate & opacity):Exemptions for back up boilers, limited production, or short non-compliance time periods | .10 to .15 particulate\* and 20% opacity if achievable, or:Alternate particulate standardOption 1:Source specific particulate standard based on new or upgraded dust collector Option 2:Less stringent particulate standard if modeling shows no violationAlternate opacity limit:Not applicable because the limit is not changingExemptions (particulate & opacity):Exemptions for back up boilers, limited production, or short non-compliance time periods  |

\*Exact value to be based on review of source test data and consultation with the fiscal advisory committee.

\*\* The fiscal advisory committee may consider additional options as we gather more information.

**Original concept:**

|  |  |  |
| --- | --- | --- |
| **Date** | **Pre 1970 Equipment** | **Post 1970 Equipment** |
| Now | .2 particulate and 40% opacity | .1 particulate and 20% opacity |
| 2015 | .20 particulate and 20% opacity | .1 particulate and 20% opacity |
| 2019 w/ option for extension  | .10 particulate and 20% opacity | .10 particulate and 20% opacity |

**REVISED OPTIONS:**

|  |  |  |
| --- | --- | --- |
| **Date** | **Pre 1970 Equipment** | **Post 1970 Equipment** |
| Now | 0.2 gr/dscf and 40% opacity | 0.1 gr/dscf and 20% opacity |
| 2017 w/option for extension | 0.20 gr/dscf and 40% opacity with continuous opacity monitor for sources < NAAQS[[1]](#endnote-1) | 0.15 gr/dscf and 20% opacity for sources < NAAQS |
| 2019 w/option for extension | 0.15 gr/dscf and 20% and for sources > NAAQS, new high efficiency multiclones | 0.15 gr/dscf and 20% and for sources > NAAQS, new high efficiency multiclones |
| Now - 2019 | Sources that burn hog fuel/residual oil ONLY during NG curtailment - 0.20 gr/dscf and 40% opacity |

1. DEQ will do modeling (Columbia and Collins already modeled and > NAAQS, need to model Interfor and Swanson Roseburg) [↑](#endnote-ref-1)