**DEPARTMENT OF ENVIRONMENTAL QUALITY**

**DIVISION 200**

**GENERAL AIR POLLUTION PROCEDURES AND DEFINITIONS**

**General**

**340-202-0070**

**Sulfur Dioxide**

Concentrations of sulfur dioxide in ambient air as measured by an approved method must not exceed:

(1) 0.02 ppm as an annual arithmetic mean for any calendar year at any site as measured by the reference method described in appendix A of 40 CFR part 50 (effective upon EQC adoption October 16, 2013) or by an equivalent method designated in accordance with 40 CFR part 53 (effective upon EQC adoption October 16, 2013).

(2) 0.10 ppm as a 24-hour average concentration more than once per calendar year at any site as measured by the reference method described in appendix A of 40 CFR part 50 (effective upon EQC adoption October 16, 2013) or by an equivalent method designated in accordance with 40 CFR part 53 (effective upon EQC adoption October 16, 2013).

(3) 0.50 ppm as a three-hour average concentration more than once per calendar year at any site as measured by the reference method described in appendix A of 40 CFR part 50 (effective upon EQC adoption October 16, 2013).

(4) 0.075 ppm as a three-year average of the annual 99th percentile of the daily maximum 1-hour average concentration recorded at any monitoring site as determined by appendix T of 40 CFR part 50 (effective upon EQC adoption October 16, 2013) as measured by a reference method based on appendix A or A-1 of 40 CFR part 50 (effective upon EQC adoption October 16, 2013), or by a Federal Equivalent Method (FEM) designated in accordance with 40 CFR part 53 (effective upon EQC adoption October 16, 2013).

[**NOTE:** This rule is included in the State of Oregon Clean Air Act Implementation Plan as adopted by the Environmental Quality Commission under OAR 340-200-0040.]

Stat. Auth.: ORS 468 & ORS 468A
Stats. Implemented: ORS 468A.025
Hist.: DEQ 37, f. 2-15-72, ef. 3-1-72; DEQ 8-1988, f. & cert. ef. 5-19-88 (corrected 9-30-88); DEQ 24-1991, f. & cert. ef. 11-13-91; DEQ 4-1993, f. & cert. ef. 3-10-93; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-031-0020; DEQ 6-2001, f. 6-18-01, cert. ef. 7-1-01

**340-202-0100**

**Nitrogen Dioxide**

Concentrations of nitrogen dioxide in ambient air as measured by a reference method based on appendix F to 40 CFR part 50 (effective upon EQC adoption October 16, 2013) or by a Federal equivalent method (FEM) designated in accordance with 40 CFR part 53 (effective upon EQC adoption October 16, 2013) must not exceed:

(1) 0.053 ppm as an annual average concentration for any calendar year at any site. The standard is met when the annual average concentration in a calendar year is less than or equal to 0.053 ppm, as determined in accordance with appendix S of 40 CFR part 50 (effective upon EQC adoption October 16, 2013) for the annual standard.

(2) 0.100 ppm as a 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations recorded at any monitoring site. The standard is met when the three-year average of the annual 98th percentile of the daily maximum 1-hour average concentration is less than or equal to 0.100 ppm, as determined in accordance with appendix S of 40 CFR Part 50 (effective upon EQC adoption October 16, 2013) for the 1-hour standard.

(3) 0.053 ppm as an annual arithmetic mean concentration as determined in accordance with Appendix S of 40 CFR Part 50 (effective upon EQC adoption October 16, 2013). The secondary standard is attained when the annual arithmetic mean concentration in a calendar year is less than or equal to 0.053 ppm, rounded to three decimal places (fractional parts equal to or greater than 0.0005 ppm must be rounded up). To demonstrate attainment, an annual mean must be based upon hourly data that are at least 75 percent complete or upon data derived from manual methods that are at least 75 percent complete for the scheduled sampling days in each calendar quarter.

[**NOTE:** This rule is included in the State of Oregon Clean Air Act Implementation Plan as adopted by the Environmental Quality Commission under OAR 340-200-0040.]

Stat. Auth.: ORS 468 & ORS 468A
Stats. Implemented: ORS 468A.025
Hist.: DEQ 37, f. 2-15-72, ef. 3-1-72; DEQ 8-1988, f. & cert. ef. 5-19-88 (corrected 9-30-88); DEQ 24-1991, f. & cert. ef. 11-13-91; DEQ 4-1993, f. & cert. ef. 3-10-93; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-031-0040; DEQ 6-2001, f. 6-18-01, cert. ef. 7-1-01

**340-202-0130**

**Ambient Air Quality Standard for Lead**

The concentration of lead and its compounds in ambient air must not exceed:

(1) 0.15 micrograms per cubic meter as a maximum arithmetic mean averaged over a calendar quarter, as measured by a reference method based on appendix G of 40 CFR Part 53 (effective upon EQC adoption October 16, 2013) or an equivalent method designated in accordance with 40 CFR Part 53 (effective upon EQC adoption October 16, 2013).

(2) The standard is met when the maximum arithmetic 3-month mean concentration for a 3-year period, as determined in accordance with appendix R of 40 CFR Part 50(effective upon EQC adoption October 16, 2013), is less than or equal to 0.15 micrograms per cubic meter.

**NOTE:** This rule is included in the State of Oregon Clean Air Act Implementation Plan as adopted by the Environmental Quality Commission under OAR 340-200-0040.

Stat. Auth.: ORS 468 & 468A
Stats. Implemented: ORS 468A.025
Hist.: DEQ 85, f. 1-29-75, ef. 2-25-75; DEQ 1-1983, f. & ef. 1-21-83; DEQ 8-1988, f. & cert. ef. 5-19-88 (corrected 9-30-88); DEQ 24-1991, f. & cert. ef. 11-13-91; DEQ 4-1993, f. & cert. ef. 3-10-93; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-031-0055; DEQ 6-2001, f. 6-18-01, cert. ef. 7-1-01; DEQ 5-2010, f. & cert. ef. 5-21-10