

SUBCHAPTER 31. CONTROL OF EMISSION OF SULFUR COMPOUNDS

PART 2. AMBIENT AIR CONCENTRATION LIMITS OR IMPACTS FOR NEW AND EXISTING EQUIPMENT

252:100-31-7. Ambient air concentration limits or impacts.

(a) **Sulfur oxides.** ~~Emissions of sulfur dioxide from any one existing source or any one new petroleum and natural gas process source subject to OAC 252:100-31-26(a)(1) shall not result in an ambient air concentration (including background concentration) of a sulfur dioxide at any given point that is greater than:~~ Emissions of sulfur dioxide from any existing facility or any new petroleum and natural gas process facility subject to OAC 252:100-31-26(a)(1) shall not impact existing ambient air concentrations of sulfur dioxide by more than:

- (1) 1300 $\mu\text{g}/\text{m}^3$ (0.50 ppm) in a five (5) minute period of any hour;
- (2) 1200 $\mu\text{g}/\text{m}^3$ (0.46 ppm), one-hour average;
- (3) 650 $\mu\text{g}/\text{m}^3$ (0.25 ppm), 3-hour average; ~~or,~~
- (4) 130 $\mu\text{g}/\text{m}^3$ (0.05 ppm), 24-hour average; or,
- (5) 80 $\mu\text{g}/\text{m}^3$ (0.03 ppm), annual arithmetic mean.

(b) **Hydrogen sulfide.** Emissions of hydrogen sulfide from any new or existing source shall not result in a 24-hour average ambient air concentration of hydrogen sulfide at any given point of 0.2 ppm or greater.

(c) **Exceptions.** The standards set in subsections (a) and (b) of this Section shall not apply to ambient air concentrations or impacts occurring on the property from which such emission occurs, providing such property, from the emission point to the point of any such concentration, is controlled by the person responsible for such emission.

(d) **Compliance assurance.** Upon approval of the Director, ~~source~~ facility operators may use appropriate material balances, performance test data, and/or emission factors to determine stack emissions combined, when necessary, with the appropriate EPA approved atmospheric dispersion models to determine ambient air concentration or impact in lieu of ambient air monitoring as proof of compliance with limits set in OAC 252:100-31-7(a) and (b).