

R307-201-1. Emission Standards.

Other provisions of R307 may require more stringent controls than listed herein, in which case those requirements must be met.

(1) Visible Emissions. Opacity limitations in R307-201-1 and R307-305-1 shall not apply to any sources for which emission limitations are assigned pursuant to R307-305-2 through 7 and R307-307. The provisions of (7) through (9) below shall apply to such sources except as otherwise provided in R307-305-2 through 7 and R307-307.

(2) Visible emissions from installations constructed after April 25, 1971, except internal combustion engines, or any incinerator shall be of a shade or density no darker than 20% opacity, except as otherwise provided in these regulations.

(3) No owner or operator of a gasoline powered engine or vehicle shall allow, cause or permit the emissions of visible contaminants except for starting motion no farther than 100 yards, or for stationary operation not exceeding 3 minutes in any hour.

(4) Emissions from diesel engines manufactured after January 1, 1973 shall be of a shade or density no darker than 20% opacity, except for starting motion no farther than 100 yards or for stationary operation not exceeding 3 minutes in any hour.

(5) Emissions from diesel engines manufactured before January 1, 1973 shall be of a shade or density no darker than 40% opacity, except for starting motion no farther than 100 yards or for stationary operation not exceeding 3 minutes in any hour.

(6) Upon application, exceptions to (4) and (5) above may be granted by the Board on a case by case basis for diesel locomotives operating above 6000 feet MSL.

(7) Visible emissions exceeding the opacity standards for short time periods as the result of initial warm-up, soot blowing, cleaning of grates, building of boiler fires, cooling, etc., caused by start-up or shutdown of a facility, installation or operation, or unavoidable combustion irregularities which do not exceed three minutes in length (unavoidable combustion irregularities which exceed three minutes in length must be handled in accordance with R307-107), shall not be deemed in violation provided that the executive secretary finds that adequate control technology has been applied. The owner or operator shall minimize visible and non-visible emissions during start-up or shutdown of a facility, installation, or operation through the use of adequate control technology and proper procedures.

(8) Compliance Method. Emissions shall be brought into compliance with these requirements by reduction of the total weight of contaminants discharged per unit of time rather than by dilution of emissions with clean air.

(9) Opacity Observation. Opacity observations of emissions from stationary sources shall be conducted in accordance with EPA Method 9, "Visual Determination of Opacity of Emissions from Stationary Sources", 40 CFR Part 60, Appendix A. Opacity observers of mobile sources and intermittent sources shall use procedures similar to Method 9, but the requirement for observations to be made at 15 second intervals over a 6-minute period shall not apply.

R307-201-2. Automobile Emission Control Devices.

Any person owning or operating any motor vehicle or motor vehicle engine registered in the State of Utah on which is installed or incorporated a system or device for the control of crankcase emissions or exhaust emissions in compliance with the Federal motor vehicle rules, shall maintain the system or device in operable condition and shall use it at all times that the motor vehicle or motor vehicle engine is operated. No person shall remove or make inoperable within the State of Utah the system or device or any part thereof, except for the purpose of installing another system or device, or part thereof, which is equally or more effective in reducing emissions from the vehicle to the atmosphere.

R307-201-3. Opacity of Residential Heating.

Visible emissions from residential solid fuel burning devices and fireplaces shall be limited to a shade or density no darker than 20% opacity as measured by EPA Method 9, except for the following:

(1) An initial fifteen minute start up period, and

(2) A period of fifteen minutes in any three hour period in which emissions may exceed the 20% opacity limitation for refueling, and

(3) during the no-burn periods required by R307-302-1.