

R307-305-1. Visible Emissions.

(1) In PM10 Nonattainment Areas, visible emissions from existing installations except gasoline powered internal combustion engines, shall be of a shade or density no darker than 20% opacity. Installations in other areas of the State which were constructed before April 25, 1971, except internal combustion engines, shall be of a shade or density no darker than 40% opacity except as provided in these regulations.

(2) Emission Standards. Other provisions of R307 may require more stringent controls than R307-305, in which case those requirements must be met.

R307-305-2. Particulate Emission Limitations and Operating Parameters (PM10).

All sources with emissions of 25 tons per year or more (combinations of sulfur dioxide, oxides of nitrogen, and PM10) in areas located in or affecting PM10 Nonattainment Areas in Salt Lake and Utah Counties shall meet the emission limitations and operating parameters contained in Section IX, Part H*, of the Utah State Implementation Plan (SIP). Existing sources located in or affecting PM10 Nonattainment Areas shall use reasonably available control measures to the extent necessary to insure the attainment and maintenance of the National Ambient Air Quality Standards (NAAQS). The emission limitations specified in the SIP constitute, in the judgment of the Board, reasonably available control measures necessary to insure attainment and maintenance of the NAAQS not later than December 31, 1994. Specific limitations for installations within a source listed in the SIP which are not specified will be set by order of the Board. Specific limitations for installations within a source may be adjusted by order of the Board provided the adjustment does not adversely affect achieving the applicable NAAQS.

R307-305-3. Compliance Testing (PM10).

Compliance testing for the PM10, sulfur dioxide, and oxides of nitrogen emission limitations shall be done in accordance with Section IX, Part H* of the SIP. PM10 compliance shall be determined from the results of EPA test method 201 or 201a. A backhalf analysis shall be performed for each PM10 compliance test in accordance with a method approved by the Executive Secretary for inventory purposes. For sources not requiring changes to their process or air pollution control devices to achieve compliance with the emission limitations contained in these regulations, compliance testing shall be scheduled with the Executive Secretary within three months after promulgation of R307-305-3. For Utah County sources listed in Section IX, Part H.1, of the SIP which need to make major changes to comply, a construction/installation schedule for demonstration of compliance with limitations contained in the SIP, shall be submitted by the owner/operator by February 15, 1991. Those sources located in Salt Lake and Davis County listed in Section IX, Part H.2*, of the SIP which need to make major changes to comply shall submit to the Executive Secretary a construction/installation schedule for demonstration of compliance with limitations contained in the SIP within three months after the effective date of R307-305-3 for approval. Those sources making major changes of process equipment or air pollution control equipment shall submit a notice in accordance with R307-401, for the purpose of meeting the emissions limitations contained in Section IX, Part H* of the SIP and receive approval from the Executive Secretary. The schedule indicated above shall result in demonstration of compliance with the limitations by December 31, 1992, unless an alternate schedule has been approved by the Executive Secretary. The alternate schedule shall be approved by the Executive Secretary if the owner/operator demonstrates that the schedule or implementation of control measures is as expeditious as practicable, but extends beyond December 31, 1992. Any submittal requesting an alternate schedule shall be done in accordance with the requirements of the Federal Clean Air Act, and shall be consistent with the SIP demonstration of attainment by December 31, 1994.

R307-305-4. Compliance Schedule (PM10).

The owner or operator of an existing installation listed in the SIP is required to achieve the emission limitation or other requirements established by the SIP as expeditiously as practicable, but no later than December 31, 1992. For those sources granted an alternate schedule in accordance with R307-305-3, compliance with the limitations shall be demonstrated as provided in the approved schedule. Until the time a source is required to demonstrate compliance with the limitations in the SIP, the source shall comply with the applicable provisions of the existing TSP limitations and operating parameters listed in the Utah Air Conservation Regulations dated April 1, 1990, or existing approval orders.

R307-305-5. Particulate Emission Limitations And Operating Parameters (TSP).

(1) Existing sources located in or affecting areas of nonattainment shall use reasonably available control measures to the extent necessary to insure the attainment and maintenance of the National Ambient Air Quality Standards (NAAQS). The emission limitations specified in this paragraph constitute, in the judgment of the Board, reasonably available control measures necessary to insure attainment and maintenance of the NAAQS as of the date of promulgation of these regulations. Specific limitations for installations within a source listed below which are not specified will be set by order of the Board. Specific limitations for installations within a source listed below may be adjusted by order of the Board provided the adjustment does not adversely affect achieving the applicable NAAQS.

(2) The owner or operator of any source listed in this paragraph shall not allow exceedance of the emission limitation or violation of any other listed requirement (See schedule for compliance listed in R307-305-6). The requirements listed for the sources in Weber County apply unless modified by an approval order or compliance order issued after February 16, 1982.

TABLE

IDENTIFICATION OF SOURCE (SOURCES 25 TONS/YEAR OR GREATER ACTUAL EMISSIONS)	EMISSION LIMITATIONS
WEBER COUNTY (TSP)	
1. Farmers Grain Coop unloading/loading/cleaning and grinding stacks/vents	20% opacity each stack/vent
2. Fife Rock Products Asphalt Plant (Hot mix dryer)	0.040 gr/dscf, 20% opacity (stack and fugitive emissions)
3. Interpace Corporation - 4/2/81 Grinding and screening	20% opacity (vents and fugitive emissions)
4. Parsons Asphalt Plant	0.040 gr/dscf, 20% opacity (stack and fugitive emissions)
5. Pillsbury Co. Loading, milling, unloading	20% opacity each vent
6. Teledyne Incinerator	0.080 gr/dscf, 20% opacity
7. Gibbons and Reed Asphalt Plant - 4/2/81	0.030 gr/dscf, 20% opacity

R307-305-6. Compliance Schedule (TSP).

The owner or operator of an existing installation which is a source of a pollutant in a nonattainment area for the pollutant, or which has significant impact (Based on the increment levels in R307-403-3(1)) upon a nonattainment area, is required to achieve the established emission limitation or other requirements established by these regulations as expeditiously as practicable but no later than December 31, 1982, or such later date as may be specified by Congress or EPA under the Clean Air Act. Within 180 days after the effective date of a regulation establishing a standard of pollutant control pursuant to an emission limitation under R307-305-1 or 5, the owner or operator of an existing installation not meeting these requirements must submit a notice of intent as outlined in R307-401 together with a compliance schedule. The compliance schedule shall contain proposed interim measures to control and identify the degree of emission reduction to be achieved by each such interim measure of control.

R307-305-7. Compliance Testing (TSP).

(1) Testing Methodology.

(a) Except as otherwise provided in R307-305-7, compliance testing for gravimetric emission limitations for particulate shall be pursuant to EPA reference Method 5 or EPA reference Method 17 where appropriate and approved by the Executive Secretary. Where EPA reference Method 5 is used for compliance testing, determination of compliance with gravimetric emission limitations shall be made through the use of front half catch. The Executive Secretary may require that Method 5 full train analysis be conducted and that back half data also be submitted but only for information purposes. Such information shall not be used to determine compliance with gravimetric emission limitations. EPA reference Method 1 shall be used to select the sampling site and number of traverse sampling points. Where necessary for determination of stack gas velocities, EPA reference Method 2 shall be used. Where necessary for determination of dry molecular weight, EPA reference Method 3 shall be used. Where necessary for determination of moisture content in stack gases EPA reference Method 4 shall be used. All EPA reference methods referred to in R307-305-7 are those found in 40 CFR Part 60 Appendix A.

(b) Except as provided below in these regulations any alternate test methods or sampling methods may be used with the approval of the Executive Secretary, provided, however, that if such reference tests or sampling methods are used to test compliance with federal law they may be used only if approved, in writing, by the Administrator of EPA or his representative.

(2) Special Sampling and Compliance Testing Requirements for Fossil-Fuel Fired Power Plants. Method 5 or EPA reference Method 17 where appropriate (only when stack temperatures do not exceed 320 degrees F) and approved by the Executive Secretary shall be run for fossil-fuel fired power plants as modified by 40 CFR, Part 60, subpart D or Da whichever is applicable. Method 9 shall be run for opacity.

(3) Exceptions for Special Sampling and Testing Conditions for Performance for Incinerators. Method 5 shall be run for incinerators as modified by 40 CFR, Part 60, Subpart E.

(4) Special Conditions for Sampling for Portland Cement Plants. Method 5 or EPA Reference Method 17 where appropriate and approved by the Executive Secretary shall be run for Portland Cement Plants. If compliance is tested by use of Method 5, Method 5 shall be modified as provided in 40 CFR, Part 60, Subpart F.