



FACT SHEET

R307-312 Aggregate Processing Operations for PM2.5 Nonattainment Areas

Overview

The Utah Division of Air Quality requirement, R307-312, was adopted to establish emission standards for sources in the aggregate processing industry, including aggregate processing equipment, hot mix asphalt plants, and concrete batch plants. The rule applies to sources - except temporary hot mix asphalt plants - located within Salt Lake and Davis Counties; the Cache Valley; all regions in Weber and Utah counties west of the Wasatch mountain range; in Box Elder County, from the Wasatch mountain range west to the Promontory mountain range and south of Portage; and in Tooele County, from the northernmost part of the Oquirrh mountain range to the northern most part of the Stansbury mountain range and north of Route 199.

Requirements

Visible Emissions

- Opacity limits are specified below:

Category	Opacity Limit
Crushers	12%
Screens	7%
Conveyor Transfer Points	7%
Concrete Batch Plants	7%

- Opacity Observations are conducted according to 40 CFR 60, Appendix A, Method 9.
- 30 minutes (five six-minute averages) duration.
- Compliance based on the average of the five six-minute averages.
- Only one six-minute average is required if the first observation is below the limit specified in Table 1.

Utah Division of Air Quality
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Contact
(801) 536-4000

General Air Quality information, regulations, and contact information:
<https://deq.utah.gov/Divisions/daq/index.htm>

This fact sheet provides general information concerning the General Burning rule. See: <https://rules.utah.gov/publicat/code/r307/r307-312.htm> for the entire rule.

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Hot Mix Asphalt Plants

- The filterable PM_{2.5} emission rate from a plant dryer shall not exceed 0.024 grains per dry standard cubic feet.
 - Determined by 40 CFR 51, Appendix M, Method 201A.
- From November 1 to March 1, a hot mix asphalt plant burning a fuel other than natural gas or liquefied petroleum gas (LPG) shall not produce more than 50% of its rated capacity.
 - Production determined by scale house records or equivalent method on a daily basis.
 - Compliance based on either:
 - Daily amount of hot mix asphalt produced averaged over the operating day or;
 - The daily amount of hot mix asphalt produced while burning a fuel other than natural gas or LPG.
 - Compliance determined by production records and fuel records.

Compliance Schedule

- All sources that begin construction prior to June 7, 2013 must submit visible emission (VE) or stack test results demonstrating compliance by December 14, 2015.
- All sources that begin construction on or after June 7, 2013 must submit VE or stack test results demonstrating compliance no later than 180 days after initial startup.