

energy in the form of steam and is not an incinerator.

*Coater* means the equipment used to apply amended (filled or modified) asphalt to the top and bottom of the substrate (typically fiberglass mat) used to manufacture shingles and rolled roofing products.

*Coating mixer* means the equipment used to mix coating asphalt and a mineral stabilizer, prior to applying the stabilized coating asphalt to the substrate.

*Combustion device* means an individual unit of equipment such as a flare, incinerator, process heater, or boiler used for the combustion of organic hazardous air pollutant vapors.

*Deviation* means any instance in which an affected source subject to this subpart, or an owner or operator of such a source:

(1) Fails to meet any requirement or obligation established by this subpart including, but not limited to, any emission limitation (including any operating limit), or work practice standard;

(2) Fails to meet any term or condition that is adopted to implement an applicable requirement in this subpart, and that is included in the operating permit for any affected source required to obtain such a permit; or

(3) Fails to meet any emission limitation (including any operating limit) or work practice standard in this subpart during startup, shutdown, or malfunction, regardless of whether or not such failure is permitted by this subpart.

*Emission limitation* means any emission limit, opacity limit, operating limit, or visible emission limit.

*Group 1 asphalt loading rack* means an asphalt loading rack loading asphalt

with a maximum temperature of 260 °C (500 °F) or greater or with a maximum true vapor pressure of 10.4 kiloPascals (kPa) (1.5 pounds per square inch absolute (psia)) or greater.

*Group 2 asphalt loading rack* means an asphalt loading rack loading asphalt with a maximum temperature less than 260 °C (500 °F) or with a maximum true vapor pressure less than 10.4 kPa, 1.5 psia.

*Group 1 asphalt storage tank* means an asphalt storage tank that meets both of the following two criteria:

(1) Has a capacity of 177 cubic meters (47,000 gallons) of asphalt or greater; and

(2) Stores asphalt at a maximum temperature of 260 °C (500 °F) or greater, or has a maximum true vapor pressure of 10.4 kPa, (1.5, psia) or greater.

*Group 2 asphalt storage tank* means any asphalt storage tank with a capacity of 1.93 megagrams (Mg) of asphalt or greater that is not a Group 1 asphalt storage tank.

*Incinerator* means an enclosed combustion device that is used for destroying organic compounds. Auxiliary fuel may be used to heat waste gas to combustion temperatures. Any energy recovery section present is not physically formed into one manufactured or assembled unit with the combustion section; rather, the energy recovery section is a separate section following the combustion section and the two are joined by ducts or connections carrying flue gas.

*Maximum true vapor pressure* means the equilibrium partial pressure exerted by the stored asphalt at its maximum storage temperature.

*Modified asphalt* means asphalt that has been mixed with polymer modifiers.

*Oxidized asphalt* means asphalt that has been prepared by passing air through liquid asphalt flux in a blowing still.

*Process heater* means an enclosed combustion device that primarily transfers heat liberated by burning fuel directly to process streams or to heat transfer liquids other than water.

*Research and development equipment* means any equipment whose primary purpose is to conduct research and development to develop new processes and products, where such equipment is operated under the close supervision of technically trained personnel and is not engaged in the manufacture of products for commercial sale in commerce, except in a *de minimis* manner.

*Responsible official* means responsible official as defined in 40 CFR 70.2.

*Saturator* means the equipment in which substrate (predominantly organic felt) is filled with asphalt. Saturators are predominantly used for the manufacture of saturated felt products. The term saturator includes the saturator and wet looper.

*Sealant applicator* means the equipment used to apply a sealant strip to a roofing product. The sealant strip is used to seal overlapping pieces of roofing product after they have been applied.

*Work practice standard* means any design, equipment, work practice, or operational standard, or combination thereof, that is promulgated pursuant to section 112(h) of the Clean Air Act.

#### Tables to Subpart LLLLL of Part 63

TABLE 1 TO SUBPART LLLLL OF PART 63.—EMISSION LIMITATIONS

For—	You must meet the following emission limitation—
1. Each blowing still, Group 1 asphalt loading rack, and Group 1 asphalt storage tank at existing, new, and reconstructed asphalt processing facilities; and each Group 1 asphalt storage tank at existing, new, and reconstructed roofing manufacturing lines; and each coating mixer, saturator (including wet looper), coater, sealant applicator, adhesive applicator, and Group 1 asphalt storage tank at new and reconstructed asphalt roofing manufacturing lines.	<p>a. Reduce total hydrocarbon mass emissions by 95 still, or to a concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen;</p> <p>b. Route the emissions to a combustion device achieving a combustion efficiency of 99.5 percent;</p> <p>c. Route the emissions to a combustion device that does use auxiliary fuel achieving a total hydrocarbon (THC) destruction efficiency of 95.8 percent;</p> <p>d. Route the emissions to a boiler or process heater with a design heat input capacity of 44 megawatts (MW) or greater;</p> <p>e. Introduce the emissions into the flame zone of a boiler or process heater; or</p> <p>f. Route emissions to a flare meeting the requirements of § 63.11(b).</p>
2. The total emissions from the coating mixer, saturator (including wet looper), coater, sealant applicator, and adhesive applicator at each existing asphalt roofing manufacturing line. <sup>a</sup>	<p>a. Limit particulate matter emissions to 0.04 kilograms emissions per megagram (kg/Mg) (0.08 pounds per ton, lb/ton) of asphalt shingle or mineral-surfaced roll roofing produced; or</p> <p>b. Limit particulate matter emissions to 0.4 kg/Mg (0.8 lb/ton) of saturated felt or smooth-surfaced roll roofing produced.</p>