§ 63.494 Back-end process provisions—residual organic HAP limitations.

(a) The monthly weighted average residual organic HAP content of all grades of elastomer processed, measured after the stripping operation (or the reactor(s), if the plant has no stripper(s)) as specified in §63.495(d), shall not exceed the limits provided in paragraphs (a)(1) through (a)(4) of this section, as applicable. Owners or operators of affected sources shall comply with the requirements of this paragraph using either stripping technology or control or recovery devices.

(1) For styrene butadiene rubber produced by the emulsion process:
   (i) A monthly weighted average of 0.40 kg styrene per megagram (Mg) latex for existing affected sources; and
   (ii) A monthly weighted average of 0.23 kg styrene per Mg latex for new sources;

(2) For polybutadiene rubber and styrene butadiene rubber produced by the solution process:
   (i) A monthly weighted average of 10 kg total organic HAP per Mg crumb rubber (dry weight) for existing affected sources; and
   (ii) A monthly weighted average of 6 kg total organic HAP per Mg crumb rubber (dry weight) for new sources;

(3) For ethylene-propylene rubber produced by the solution process:
   (i) A monthly weighted average of 8 kg total organic HAP per Mg crumb rubber (dry weight) for existing affected sources; and
   (ii) A monthly weighted average of 5 kg total organic HAP per Mg crumb rubber (dry weight) for new sources;

(4) There are no back-end process operation residual organic HAP limitations for neoprene, Hypalon™, nitrilebutadiene rubber, butyl rubber, halobutyl rubber, epichlorohydrin elastomer, and polysulfide rubber. There are also no back-end process operation residual organic HAP limitations for latex products, liquid rubber products, products produced in a gas-phased reaction process, styrene butadiene rubber produced by any process other than a solution or emulsion process, polybutadiene rubber produced by any process other than a solution process, or ethylene-propylene rubber produced by any process other than a solution process.

(b) If an owner or operator complies with the residual organic HAP limitations in paragraph (a) of this section using stripping technology, compliance shall be demonstrated in accordance with §63.495. The owner or operator shall also comply with the recordkeeping provisions in §63.498, and the reporting provisions in §63.499.

(c) If an owner or operator complies with the residual organic HAP limitations in paragraph (a) of this section using control or recovery devices, compliance shall be demonstrated using the procedures in §63.496. The owner or operator shall also comply with the monitoring provisions in §63.397, the recordkeeping provisions in §63.498, and the reporting provisions in §63.499.

(d) If the owner or operator complies with the residual organic HAP limitations in paragraph (a) of this section using a flare, the owner or operator of an affected source shall comply with the requirements in §63.504(c).