Kansas Administrative Regulations

Department of Health and Environment

Article 19.—Ambient Air Quality Standards and Air Pollution Control—Standards for Hospital/Medical/Infectious Waste Incinerators.

28-19-729g. "Hospital/medical/infectious waste incinerators"; compliance, performance testing, and monitoring guidelines.

(a) (1) Except as provided in subsection (b) of this regulation, each individual HMIWI subject to these regulations shall meet the compliance and performance testing requirements in 40 C.F.R. 60.56c, as in effect on July 1, 1998, which is adopted by reference except for the fugitive emissions testing requirements in 40 C.F.R. 60.56c(b)(12) and (c)(3).

(2) To meet the testing requirements of paragraph (a)(1) of this regulation, the operator or owner of each HMIWI shall use the appropriate test methods listed in 40 C.F.R. 60.56c and adopted in K.A.R. 28-19-720.

(b) Each small rural HMIWI subject to these regulations, as defined in K.A.R. 28-19-729a(c), shall meet the following compliance and performance testing requirements:

(1) (A) The owner or operator of the small rural HMIWI shall conduct the performance testing in accordance with the requirements in 40 C.F.R. 60.56c(a), (b)(1) through (b)(9), (b)(11) for mercury (Hg) only, and (c)(1).

(B) The 2,000 pounds per week limitation in K.A.R. 28-19-729a(c) shall not apply during these performance tests.

(2) The owner or operator of the small rural HMIWI shall establish a maximum charge rate and minimum secondary chamber temperature as site-specific operating parameters during the initial performance test to determine compliance with applicable emission limits.

(3) (A) Following the date on which the initial performance test is completed, the owner or operator of the small rural HMIWI shall ensure that the HMIWI does not operate above the maximum charge rate or below the minimum secondary chamber temperature, measured as three-hour rolling averages, calculated each hour as the

average of the previous three hours, or as the average of the burn cycle if the burn cycle is less than three hours, at all times except during periods of startup, shutdown, and malfunction.

(B) Operating parameter limits shall not apply during performance tests.

(C) Operation either above the maximum charge rate or below the minimum secondary chamber temperature shall constitute a violation of the established operating parameters.

(4) Except as provided in paragraph (b)(5) of this regulation, operation of the HMIWI above the maximum charge rate and below the minimum secondary chamber temperature, each measured on a three-hour rolling average or as the average of the burn cycle if the burn cycle is less than three hours, simultaneously shall constitute a violation of the particulate matter, carbon monoxide, and "dioxin/furan" emission limits.

(5) (A) The owner or operator of the small rural HMIWI may conduct a repeat performance test within 30 days of violation of an applicable operating parameter to demonstrate that the designated facility is not in violation of the applicable emission limit.

(B) Repeat performance tests conducted pursuant to this subsection shall be conducted under operating parameters equivalent to the operating conditions that indicated a violation under paragraph (b)(4) of this regulation.

(c) Except as specified in subsection (d) of this regulation, each HMIWI subject to these regulations shall meet the monitoring requirements of 40 C.F.R. 60.57c, as in effect on July 1, 1998, which is hereby adopted by reference.

(d) The owner or operator of each small rural HMIWI subject to these regulations, as defined in K.A.R. 28-19-729a, shall meet the following monitoring requirements:

(1) Install, calibrate to the manufacturer's specifications, maintain, and operate a device for measuring and recording the temperature of the secondary chamber on a continuous basis, the output of which shall be recorded, at a minimum frequency of once every minute throughout operation.

(2) The owner or operator of the small rural HMIWI shall install, calibrate to the manufacturer's specifications, maintain, and operate a device that automatically

measures and records the date, time, and weight of each charge of waste fed to the HMIWI.

(3) (A) The owner or operator of a small rural HMIWI subject to these regulations shall obtain the monitoring data required by paragraphs (d)(1) and (d)(2) of this regulation at all times during HMIWI operation, except during periods of monitoring equipment malfunction, calibration, or repair.

(B) The owner or operator shall obtain and record valid monitoring data for not less than 75 percent of the operating hours per day, and for not less than 90 percent of the operating hours per calendar quarter that the HMIWI is combusting "hospital or medical/infectous waste."

(Authorized by K.S.A. 1999 Supp. 65-3005; implementing K.S.A. 1999 Supp. 65-3005 and K.S.A. 1999 Supp. 65-3007; effective May 5, 2000.)

***** Authenticated Kansas Administrative Regulation *****