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.

28-19-729d. "Hospital/medical/infectious waste incinerators"; operation, operator training, and qualification standards.

(a)(1) For the purposes of these regulations, a "trained and qualified HMIWI operator" or "HMIWI operator" means a person who has completed the requirements of subsections (b) and (c) of this regulation, and who maintains the qualifications in accordance with the requirements of subsection (e) as required.

(2) A trained and qualified HMIWI operator either shall be at the HMIWI facility at all times or shall be generally able to reach the facility within one hour at all times the incinerator is in operation.

(3) Any HMIWI subject to these regulations shall be operated only by a trained and qualified HMIWI operator, or by a person or persons working under the direct supervision of a trained and qualified HMIWI operator.

(b) The HMIWI operator training shall be obtained by completing an HMIWI operator training course that includes, at a minimum, the following elements:

(1) Training on the following subjects:

(A) Environmental concerns, including pathogen destruction and types of emissions;

(B) basic combustion principles, including products of combustion;

(C) operation of the type of incinerator to be used by the operator, including proper startup, waste charging, and shutdown procedures;

(D) combustion controls and monitoring;

(E) operation of air pollution control equipment and factors affecting performance, if applicable;

(F) methods to monitor pollutants, including continuous emission monitoring systems and monitoring of HMIWI and air pollution control device operating parameters, and equipment calibration procedures, where applicable;

(G) inspection and maintenance of the HMIWI, air pollution control devices, and continuous emission monitoring systems;

(H) actions to correct malfunctions or conditions that may lead to malfunction;

(I) bottom and fly ash characteristics and handling procedures;

(J) applicable federal, state, and local regulations;

(K) work safety procedures;

(L) pre-startup inspections; and

(M) recordkeeping requirements;

(2) an examination designed and administered by the instructor of the training course; and

(3) reference material distributed to the attendees covering the course topics.

(c) HMIWI operator qualification shall be obtained by the following:

(1) Completion of a training course that satisfies the criteria listed in paragraph (b)(1) of this regulation; and

(2) six months of experience as an HMIWI operator, six months of experience as a direct supervisor of an HMIWI operator, or completion of at least two burn cycles under the observation of a qualified HMIWI operator.

(d) HMIWI operator qualification shall be valid from the date on which the examination is passed or the completion of the required experience, whichever is later.

(e) To maintain qualification, the trained and qualified HMIWI operator shall complete an annual review or refresher course covering the following:

(1) Update of regulations;

(2) incinerator operation, including startup and shutdown procedures;

(3) inspection and maintenance;

(4) responses to malfunctions or conditions that may lead to malfunction; and

(5) discussion of operating problems encountered by attendees.

(f) A lapsed qualification shall be renewed by one of the following procedures:

(1) For a lapse of less than three years, the HMIWI operator shall complete and pass a standard annual refresher course described in subsection (e) of this regulation.

(2) For a lapse of three years or more, the HMIWI operator shall complete and pass a training course with the minimum criteria described in paragraph (b)(1) of this regulation.

(g) The owner or operator of an HMIWI subject to these regulations shall maintain documentation at the facility that addresses the following:

(1) A summary of the applicable standards under this regulation;

(2) a description of basic combustion theory applicable to HMIWI;

(3) procedures for receiving, handling, and charging waste;

(4) HMIWI startup, shutdown, and malfunction procedures;

(5) procedures for maintaining proper combustion air supply levels;

(6) procedures for operating the HMIWI and associated air pollution control systems within the standards established under this regulation;

(7) procedures for responding to periodic malfunction or conditions that may lead to malfunction;

(8) procedures for monitoring HMIWI emissions;

(9) reporting and recordkeeping procedures; and

(10) procedures for handling ash.

(h) The owner or operator of a HMIWI subject to these regulations shall review with each HMIWI operator the information listed in subsection (g) of this regulation.

(1) The initial review of the information listed in subsection (g) of this regulation shall be conducted within one year of the date of EPA approval of the state's HMIWI plan, or before the assumption of responsibilities affecting HMIWI operation, whichever date is later.

(2) Subsequent reviews of the information listed in subsection (g) of this regulation shall be conducted annually.

(Authorized by and implementing K.S.A. 1998 Supp. 65-3005; effective May 5, 2000.)

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