



Ohio Administrative Code

Rule 3745-205-64 Recordkeeping - equipment leaks.

Effective: June 12, 2023

(A)

(1) Each owner or operator subject to rules 3745-205-50 to 3745-205-65 of the Administrative Code shall comply with the recordkeeping requirements of this rule.

(2) An owner or operator of more than one hazardous waste management unit subject to rules 3745-205-50 to 3745-205-65 of the Administrative Code may comply with the recordkeeping requirements for these hazardous waste management units in one recordkeeping system if the system identifies each record by each hazardous waste management unit.

(B) Owners and operators shall record the following information in the facility operating record:

(1) For each piece of equipment to which rules 3745-205-50 to 3745-205-65 of the Administrative Code applies:

(a) Equipment identification number and hazardous waste management unit identification.

(b) Approximate locations within the facility (e.g., identify the hazardous waste management unit on a facility plot plan).

(c) Type of equipment (e.g., a pump or pipeline valve).

(d) Per cent-by-weight total organics in the hazardous waste stream at the equipment.

(e) Hazardous waste state at the equipment (e.g., gas or vapor or liquid).

(f) Method of compliance with the standard (e.g., "monthly leak detection and repair" or "equipped with dual mechanical seals").



(2) For facilities that comply with paragraph (A)(2) of rule 3745-205-33 of the Administrative Code, an implementation schedule as specified in paragraph (A)(2) of rule 3745-205-33 of the Administrative Code).

(3) Where an owner or operator chooses to use test data to demonstrate the organic removal efficiency or total organic compound concentration achieved by the control device, a performance test plan as specified in paragraph (B)(3) of rule 3745-205-35 of the Administrative Code.

(4) Documentation of compliance with rule 3745-205-60 of the Administrative Code, including the detailed design documentation or performance test results specified in paragraph (B)(4) of rule 3745-205-35 of the Administrative Code.

(C) When each leak is detected as specified in rules 3745-205-52, 3745-205-53, 3745-205-57, and 3745-205-58 of the Administrative Code, the following requirements apply:

(1) A weatherproof and readily visible identification, marked with the equipment identification number, the date evidence of a potential leak was found in accordance with paragraph (A) of rule 3745-205-58 of the Administrative Code, and the date the leak was detected, shall be attached to the leaking equipment.

(2) The identification on equipment, except on a valve, may be removed after the equipment has been repaired.

(3) The identification on a valve may be removed after the valve has been monitored for two successive months as specified in paragraph (C) of rule 3745-205-57 of the Administrative Code and no leak has been detected during those two months.

(D) When each leak is detected as specified in rules 3745-205-52, 3745-205-53, 3745-205-57, and 3745-205-58 of the Administrative Code, the following information shall be recorded in an inspection log and shall be kept in the facility operating record:

(1) The instrument and operator identification numbers and the equipment identification number.



- (2) The date evidence of a potential leak was found in accordance with paragraph (A) of rule 3745-205-58 of the Administrative Code.
 - (3) The date the leak was detected and the dates of each attempt to repair the leak.
 - (4) Repair methods applied in each attempt to repair the leak.
 - (5) "Above ten thousand" if the maximum instrument reading measured by the methods specified in paragraph (B) of rule 3745-205-63 of the Administrative Code after each repair attempt is equal to or greater than ten thousand parts per million (ppm).
 - (6) "Repair delayed" and the reason for the delay if a leak is not repaired within fifteen calendar days after discovery of the leak.
 - (7) Documentation supporting the delay of repair of a valve in compliance with paragraph (C) of rule 3745-205-59 of the Administrative Code.
 - (8) The signature of the owner or operator (or designate) whose decision it was that repair could not be completed without a hazardous waste management unit shutdown.
 - (9) The expected date of successful repair of the leak if a leak is not repaired within fifteen calendar days.
 - (10) The date of successful repair of the leak.
- (E) Design documentation and monitoring, operating, and inspection information for each closed-vent system and control device required to comply with rule 3745-205-60 of the Administrative Code shall be recorded and kept up to date in the facility operating record as specified in paragraph (C) of rule 3745-205-35 of the Administrative Code. Design documentation is specified in paragraphs (C)(1) and (C)(2) of rule 3745-205-35 of the Administrative Code and monitoring, operating, and inspection information in paragraphs (C)(3) to (C)(8) of rule 3745-205-35 of the Administrative Code.



(F) For a control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system, the director will specify the appropriate recordkeeping requirements.

(G) The following information pertaining to all equipment subject to the requirements in rules 3745-205-52 to 3745-205-60 of the Administrative Code shall be recorded in a log that is kept in the facility operating record:

(1) A list of identification numbers for equipment (except welded fittings) subject to the requirements of rules 3745-205-50 to 3745-205-65 of the Administrative Code.

(2)

(a) A list of identification numbers for equipment that the owner or operator elects to designate for no detectable emissions, as indicated by an instrument reading of less than five hundred ppm above background, under paragraph (E) of rule 3745-205-52, paragraph (I) of rule 3745-205-53, and paragraph (F) of rule 3745-205-57 of the Administrative Code.

(b) The designation of this equipment as subject to the requirements of paragraph (E) of rule 3745-205-52, paragraph (I) of rule 3745-205-53, and paragraph (F) of rule 3745-205-57 of the Administrative Code shall be signed by the owner or operator.

(3) A list of equipment identification numbers for pressure relief devices required to comply with paragraph (A) of rule 3745-205-54 of the Administrative Code.

(4)

(a) The dates of each compliance test required in paragraph (E) of rule 3745-205-52, paragraph (I) of rule 3745-205-53, rule 3745-205-54, and paragraph (F) of rule 3745-205-57 of the Administrative Code.

(b) The background level measured during each compliance test.



(c) The maximum instrument reading measured at the equipment during each compliance test.

(5) A list of identification numbers for equipment in vacuum service.

(6) Identification, either by list or location (area or group) of equipment that contains or contacts hazardous waste with an organic concentration of at least ten per cent by weight for less than three hundred hours per calendar year.

(H) The following information pertaining to all valves subject to the requirements of paragraphs (G) and (H) of rule 3745-205-57 of the Administrative Code shall be recorded in a log that is kept in the facility operating record:

(1) A list of identification numbers for valves that are designated as unsafe to monitor, an explanation for each valve stating why the valve is unsafe to monitor, and the plan for monitoring each valve.

(2) A list of identification numbers for valves that are designated as difficult to monitor, an explanation for each valve stating why the valve is difficult to monitor, and the planned schedule for monitoring each valve.

(I) The following information shall be recorded in the facility operating record for valves complying with rule 3745-205-62 of the Administrative Code:

(1) A schedule of monitoring.

(2) The per cent of valves found leaking during each monitoring period.

(J) The following information shall be recorded in a log that is kept in the facility operating record:

(1) Criteria required in paragraph (D)(5)(b) of rule 3745-205-52 and paragraph (E)(2) of rule 3745-205-53 of the Administrative Code and an explanation of the design criteria.



(2) Any changes to these criteria and the reasons for the changes.

(K) The following information shall be recorded in a log that is kept in the facility operating record for use in determining exemptions as provided in rule 3745-205-50 of the Administrative Code and other specific rules:

(1) An analysis determining the design capacity of the hazardous waste management unit.

(2) A statement listing the hazardous waste influent to and effluent from each hazardous waste management unit subject to the requirements in rules 3745-205-52 to 3745-205-60 of the Administrative Code and an analysis determining whether these hazardous wastes are heavy liquids.

(3) An up to date analysis and the supporting information and data used to determine whether or not equipment is subject to the requirements in rules 3745-205-52 to 3745-205-60 of the Administrative Code. The record shall include supporting documentation as required by paragraph (D)(3) of rule 3745-205-63 of the Administrative Code when application of the knowledge of the nature of the hazardous waste stream or the process by which the hazardous waste stream was produced is used. If the owner or operator takes any action (e.g., changing the process that produced the waste) that could result in an increase in the total organic content of the waste contained in or contacted by equipment determined not to be subject to the requirements in rules 3745-205-52 to 3745-205-60 of the Administrative Code, then a new determination is required.

(L) Records of the equipment leak information required by paragraph (D) of this rule and the operating information required by paragraph (E) of this rule need be kept only three years.

(M) The owner or operator of a facility with equipment that is subject to rules 3745-205-50 to 3745-205-65 of the Administrative Code and to regulations at 40 CFR Part 60, Part 61, or Part 63 may elect to determine compliance with rules 3745-205-50 to 3745-205-65 of the Administrative Code either by documentation pursuant to rule 3745-205-64 of the Administrative Code, or by documentation of compliance with the regulations at 40 CFR Part 60, Part 61, or Part 63 pursuant to the relevant provisions of the regulations at 40 Part 60, Part 61, or Part 63. The documentation of compliance under regulations at 40 CFR Part 60, Part 61, or Part 63 shall be kept with, or made readily available with, the facility operating record.



[Comment: For dates of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see rule 3745-50-11 of the Administrative Code titled "Incorporated by reference."]