

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

1) Heading of the Part: RCRA Permit Program

2) Code Citation: 35 Ill. Adm. Code 703

<u>Section Numbers:</u>	<u>Proposed Actions:</u>
703.183	Amendment
703.352	Amendment
703.Appendix A	Amendment

4) Statutory Authority: 415 ILCS 5/7.2, 22.4, and 27

5) A Complete Description of the Subjects and Issues Involved: The amendments to Part 703 are a single segment of the docket R19-11 rulemaking that also affects 35 Ill. Adm. Code 720 through 725, 727, 733, and 739. The R19-11 rulemaking updates the Illinois hazardous waste rules to incorporate amendments adopted by the United States Environmental Protection Agency (USEPA) during the second half of 2018: July 1, 2018 through December 31, 2018. A comprehensive description is contained in the Board's opinion and order of February 14, 2019, proposing amendments in docket R19-11, which opinion and order is available from the address below.

R19-11 further includes limited corrections and conforming revisions that the Board finds necessary to previously adopted rules. The Board includes non-substantive stylistic revisions to provisions opened for amendments--many of anticipate changes ordinarily requested by the Joint Committee on Administrative Rules (JCAR).

The following briefly summarizes the federal action in the update periods:

Conditional Exclusion of Airbag Waste from Regulation as Hazardous Waste derived from USEPA actions. Persons interested in the details of those deviations from the literal text should refer to the Identical-in-Substance Rulemaking Addendum (Proposed) in docket R19-11.

Sections 22.4 of the Environmental Protection Act [415 ILCS 5/22.4] provides that Section 5-35 of the Administrative Procedure Act [5 ILCS 100/5-35] does not apply to this rulemaking. Because this rulemaking is not subject to Section 5-35 of the APA, it is not subject to First Notice or to Second Notice review by the Joint Committee on Administrative Rules (JCAR).



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- 6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: None
- 7) Does this rulemaking replace an emergency rule currently in effect? No
- 8) Does this rulemaking contain an automatic repeal date? No
- 9) Does this rulemaking contain incorporations by reference? No
- 10) Are there any other rulemakings pending on this Part? No
- 11) Statement of Statewide Policy Objective: These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805].
- 12) Time, Place and Manner in which interested persons may comment on this proposed rulemaking: The Board will accept written public comment on this proposal for a period of 45 days after the date of this publication. Comments should reference docket R19-11 and be addressed to:

Don A. Brown, Clerk
Illinois Pollution Control Board
State of Illinois Center, Suite 11-500
100 W. Randolph St.
Chicago IL 60601

Please direct inquiries to the following person and reference docket R19-11:

Michael J. McCambridge
Staff Attorney
Illinois Pollution Control Board
100 W. Randolph, 11-500
Chicago IL 60601

312/814-6924
e-mail: michael.mccambridge@illinois.gov

Request copies of the Board's opinion and order at 312/814-3620, or download a copy from the Board's website at pcb.illinois.gov

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- 13) Initial Regulatory Flexibility Analysis:
- A) Types of small businesses, small municipalities, and not-for-profit corporations affected: This rulemaking may affect those small businesses, small municipalities, and not-for-profit corporations disposing of industrial wastewaters into the sewage collection system of a publicly owned treatment works. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805].
 - B) Reporting, bookkeeping or other procedures required for compliance: The existing rules and proposed amendments require extensive reporting, bookkeeping and other procedures, including the preparation of manifests and annual reports, waste analyses and maintenance of operating records. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805].
 - C) Types of professional skills necessary for compliance: Compliance with the existing rules and proposed amendments may require the services of an attorney, certified public accountant, chemist and registered professional engineer. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805].
- 14) Small Business Impact Analysis: Sections 1-5(c) and 5-30 of the Administrative Procedure Act [5 ILCS 100/1-5(c) and 5-30 (2018)] provide that small business impact analysis and related requirements under Section 5-30 do not apply to this type of identical-in-substance rulemaking.
- 15) Regulatory Agenda on which this rulemaking was summarized: January 2019

The full text of the Proposed Amendments begins on the next page:

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE G: WASTE DISPOSAL
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER b: PERMITS

PART 703
RCRA PERMIT PROGRAM

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Qualifications
703.151 Application by New HWM Facilities
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703.153 Qualifying for Interim Status
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703.155 Changes During Interim Status
703.156 Interim Status Standards
703.157 Grounds for Termination of Interim Status
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MACT Standards
703.191 Public Participation: Pre-Application Public Notice and
Meeting
703.192 Public Participation: Public Notice of Application
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703.200 Specific Part B Application Information
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703.225 Trial Burns for Existing Incinerators
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SUBPART J: RCRA STANDARDIZED PERMITS
FOR STORAGE AND TREATMENT UNITS

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703.350 General Information About RCRA Standardized Permits
703.351 Applying for a RCRA Standardized Permit
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703.353 Modifying a RCRA Standardized Permit

703.APPENDIX A Classification of Permit Modifications

AUTHORITY: Implementing Sections 7.2 and 22.4 and authorized by Section
27 of the Environmental Protection Act [415 ILCS 5/~~7.2, 22.4, and 27~~].

SOURCE: Adopted in R82-19 at 7 Ill. Reg. 14289, effective October 12, 1983; amended in R83-24 at 8 Ill. Reg. 206, effective December 27, 1983; amended in R84-9 at 9 Ill. Reg. 11899, effective July 24, 1985; amended in R85-22 at 10 Ill. Reg. 1110, effective January 2, 1986; amended in R85-23 at 10 Ill. Reg. 13284, effective July 28, 1986; amended in R86-1 at 10 Ill. Reg. 14093, effective August 12, 1986; amended in R86-19 at 10 Ill. Reg. 20702, effective December 2, 1986; amended in R86-28 at 11 Ill. Reg. 6121, effective March 24, 1987; amended in R86-46 at 11 Ill. Reg. 13543, effective August 4, 1987; amended in R87-5 at 11 Ill. Reg. 19383, effective November 12, 1987; amended in R87-26 at 12 Ill. Reg. 2584, effective January 15, 1988; amended in R87-39 at 12 Ill. Reg. 13069, effective July 29, 1988; amended in R88-16 at 13 Ill. Reg. 447, effective December 27, 1988; amended in R89-1 at 13 Ill. Reg. 18477, effective November 13, 1989; amended in R89-9 at 14 Ill. Reg. 6278, effective April 16, 1990; amended in R90-2 at 14 Ill. Reg. 14492, effective August 22, 1990; amended in R90-11 at 15 Ill. Reg. 9616, effective June 17, 1991; amended in R91-1 at 15 Ill. Reg. 14554, effective September 30, 1991; amended in R91-13 at 16 Ill. Reg. 9767, effective June 9, 1992; amended in R92-10 at 17 Ill. Reg. 5774, effective March 26, 1993; amended in R93-4 at 17 Ill. Reg. 20794, effective November 22, 1993; amended in R93-16 at 18 Ill. Reg. 6898, effective April 26, 1994; amended in R94-7 at 18 Ill. Reg. 12392, effective July 29, 1994; amended in R94-5 at 18 Ill. Reg. 18316, effective December 20, 1994; amended in R95-6 at 19 Ill. Reg. 9920, effective June 27, 1995; amended in R95-20 at 20 Ill. Reg. 11225, effective August 1, 1996; amended in R96-10/R97-3/R97-5 at 22 Ill. Reg. 553, effective December 16, 1997; amended in R98-12 at 22 Ill. Reg. 7632, effective April 15, 1998; amended in R97-21/R98-3/R98-5 at 22 Ill. Reg. 17930, effective September 28, 1998; amended in R98-21/R99-2/R99-7 at 23 Ill. Reg. 2153, effective January 19, 1999; amended in R99-15 at 23 Ill. Reg. 9381, effective July 26, 1999; amended in R00-13 at 24 Ill. Reg. 9765, effective June 20, 2000; amended in R01-21/R01-23 at 25 Ill. Reg. 9313, effective July 9, 2001; amended in R02-1/R02-12/R02-17 at 26 Ill. Reg. 6539, effective April 22, 2002; amended in R03-7 at 27 Ill. Reg. 3496, effective February 14, 2003; amended in R03-18 at 27 Ill. Reg. 12683, effective July 17, 2003; amended in R05-8 at 29 Ill. Reg. 5966, effective April 13, 2005; amended in R06-5/R06-6/R06-7 at 30 Ill. Reg. 2845, effective February 23, 2006; amended in R06-16/R06-17/R06-18 at 31 Ill. Reg. 487, effective December 20, 2006; amended in R07-5/R07-14 at 32 Ill. Reg. 11672, effective July 14, 2008; amended in R09-16/R10-4 at 34 Ill. Reg. 18505, effective November 12, 2010; amended in R13-15 at 37 Ill. Reg. 17659, effective October 24, 2013; amended in R16-7 at 40 Ill. Reg. 11271, effective August 9, 2016; amended in R17-14/R17-15/R18-12/R18-31 at 42 Ill. Reg. 20993, effective November 19, 2018; amended in R19-11 at 43 Ill. Reg. _____, effective _____.

SUBPART D: APPLICATIONS

Section 703.183 General Information

The following information is required in the Part B application for all HWM facilities, except as 35 Ill. Adm. Code 724.101 provides otherwise:

- a) A general description of the facility;
 - b) Chemical and physical analyses of the hazardous wastes and hazardous debris to be handled at the facility. At a minimum, these analyses must contain all the information that must be known to treat, store, or dispose of the wastes properly in accordance with 35 Ill. Adm. Code 724;
 - c) A copy of the waste analysis plan required by 35 Ill. Adm. Code 724.113(b) and, if applicable, 35 Ill. Adm. Code 724.113(c);
 - d) A description of the security procedures and equipment required by 35 Ill. Adm. Code 724.114, or a justification demonstrating the reasons for requesting a waiver of this requirement;
 - e) A copy of the general inspection schedule required by 35 Ill. Adm. Code 724.115(b). Include where applicable, as part of the inspection schedule, specific requirements in 35 Ill. Adm. Code 724.274, 724.293(i), 724.295, 724.326, 724.354, 724.373, 724.403, 724.702, 724.933, 724.952, 724.953, 724.958, 724.984, 724.985, 724.986, and 724.988;
 - f) A justification of any request for a waiver of the preparedness and prevention requirements of Subpart C of 35 Ill. Adm. Code 724;
 - g) A copy of the contingency plan required by Subpart D of 35 Ill. Adm. Code 724;
- BOARD NOTE: Include, where applicable, as part of the contingency plan, specific requirements in 35 Ill. Adm. Code 724.200 and 724.327. Corresponding 40 CFR 270.14(b)(7) refers to the requirements of 40 CFR 264.255 (corresponding with 35 Ill. Adm. Code 724.355), marked "reserved" by USEPA.
- h) A description of procedures, structures, or equipment used at the facility as follows:
 - 1) To prevent hazards in unloading operations (for example, ramps, or special forklifts);
 - 2) To prevent run-off~~runoff~~ from hazardous waste handling areas to other areas of the facility or environment, or to prevent flooding (for example, berms, dikes, or trenches);
 - 3) To prevent contamination of water supplies;
 - 4) To mitigate effects of equipment failure and power outages;

5) To prevent undue exposure of personnel to hazardous waste (for example, protective clothing); and

6) To prevent releases to the atmosphere;

i) A description of precautions to prevent accidental ignition or reaction of ignitable, reactive, or incompatible wastes, as required to demonstrate compliance with 35 Ill. Adm. Code 724.117, including documentation demonstrating compliance with 35 Ill. Adm. Code 724.117(c);

j) A description of the area traffic pattern, the estimated traffic volume (number and types of vehicles), and area traffic control (for example, show turns across traffic lanes and stacking lanes, if appropriate); a description of access road surfacing and load bearing capacity; and the locations and types of traffic control signals;

k) Facility location information, as required by Section 703.184;

BOARD NOTE: The Board has codified 40 CFR 270.14(b)(11)(iii) through (b)(11)(v) (2005) as Section 703.184(c) through (e) to comport with Illinois Administrative Code codification requirements. The Board did not include an equivalent to 40 CFR 270.14(b)(11)(i) and (b)(11)(ii), relating to certain seismic zones not located within Illinois.

l) An outline of both the introductory and continuing training programs by the owner or operator to prepare persons to operate or maintain the HWM facility in a safe manner, as required to demonstrate compliance with 35 Ill. Adm. Code 724.116. A brief description of how training will be designed to meet actual job tasks in accordance with requirements in 35 Ill. Adm. Code 724.116(a)(3);

m) A copy of the closure plan and, where applicable, the post-closure plan required by 35 Ill. Adm. Code 724.212, 724.218, and 724.297. Include, where applicable, as part of the plans, specific requirements in 35 Ill. Adm. Code 724.278, 724.297, 724.328, 724.358, 724.380, 724.410, 724.451, 724.701, and 724.703;

n) For hazardous waste disposal units that have been closed, documentation that notices required under 35 Ill. Adm. Code 724.219 have been filed;

o) The most recent closure cost estimate for the facility, prepared in accordance with 35 Ill. Adm. Code 724.242, and a copy of the documentation required to demonstrate financial assurance under 35 Ill. Adm. Code 724.243. For a new facility, a copy of the required documentation may be submitted 60 days prior to the initial receipt of hazardous wastes, if it is later than the submission of the Part B permit application;

p) Where applicable, the most recent post-closure cost estimate for the facility, prepared in accordance with 35 Ill. Adm. Code 724.244, plus a copy of the documentation required to demonstrate financial assurance under 35 Ill. Adm. Code 724.245. For a new facility, a copy of the required documentation may be submitted 60 days prior to the initial receipt of hazardous wastes, if it is later than the submission of the Part B permit application;

q) Where applicable, a copy of the insurance policy or other documentation that comprises compliance with the requirements of 35 Ill. Adm. Code 724.247. For a new facility, documentation showing the amount of insurance meeting the specification of 35 Ill. Adm. Code 724.247(a) and, if applicable, 35 Ill. Adm. Code 724.247(b) that the owner or operator plans to have in effect before initial receipt of hazardous waste for treatment, storage, or disposal. A request for an alternative level of required coverage for a new or existing facility may be submitted as specified in 35 Ill. Adm. Code 724.247(c);

r) This subsection corresponds with 40 CFR 270.14(b)(18), pertaining to state financial mechanisms that do not apply in Illinois. This statement maintains structural parity with the federal regulations;

s) A topographic map showing 305 meters (~~1.000 a distance of~~ 10001,000 feet) around the facility at a scale of 2.5 centimeters (1 inch) equal to not more than 61.0 meters (200 feet). Contours must be shown on the map. The contour interval must be sufficient to clearly show the pattern of surface water flow near ~~in the vicinity of~~ and from each operational unit of the facility. For example, contours with an interval of 1.5 meters (5 feet), if relief is greater than 6.1 meters (20 feet), or an interval of 0.6 meters (2 feet), if relief is less than 6.1 meters (20 feet). An owner or operator of an ~~a~~ HWM facility located in a mountainous area must use larger contour intervals to adequately show topographic profiles of facilities. The map must clearly show the following:

- 1) Map scale and date;
- 2) 100-year floodplain area;
- 3) Surface waters including intermittent streams;
- 4) Surrounding land uses (e.g., residential, commercial, agricultural, recreational, etc.);
- 5) A wind rose (i.e., prevailing windspeed and direction);
- 6) Orientation of the map (north arrow);
- 7) Legal boundaries of the HWM facility site;
- 8) Access control (e.g., fences, gates, etc.);

9) Injection and withdrawal wells both on-site and off-site;

10) Buildings; treatment, storage, or disposal operations; or other structures (e.g., recreation areas, run-off-~~runoff~~ control systems, access and internal roads, storm, sanitary and process sewage systems, loading and unloading areas, fire control facilities, etc.);

11) Barriers for drainage or flood control; and

12) Location of operational units within the HWM facility site, where hazardous waste is (or will be) treated, stored, or disposed of (include equipment cleanup areas);

BOARD NOTE: For large HWM facilities, the Agency must allow the use of other scales on a case-by-case basis.

t) Applicants must submit such information as the Agency determines is necessary for it to determine whether to issue a permit and what conditions to impose in any permit issued;

u) For land disposal facilities, if a case-by-case extension has been approved under 35 Ill. Adm. Code 728.105 or if a petition has been approved under 35 Ill. Adm. Code 728.106, a copy of the notice of approval of the extension or of approval of the petition is required; and

v) A summary of the pre-application meeting, along with a list of attendees and their addresses, and copies of any written comments or materials submitted at the meeting, as required under 35 Ill. Adm. Code 703.191(c).

BOARD NOTE: Derived from 40 CFR 270.14(b)-~~(2012)~~.

(Source: Amended at 43 Ill. Reg. _____, effective _____)

SUBPART J: RCRA STANDARDIZED PERMITS FOR STORAGE AND TREATMENT UNITS

Section 703.352 Information That Must Be Kept at the Facility

a) General Types of Information to Be Maintained at the Facility. The facility owner or operator must keep the following information at its facility:

1) A general description of the facility;

2) Results of chemical and physical analyses of the hazardous waste and hazardous debris handled at the facility. At a minimum, these results of analyses must contain all the information that the owner or operator must know to treat or store the wastes properly pursuant to 35 Ill. Adm. Code 727;

- 3) A copy of the waste analysis plan required by 35 Ill. Adm. Code 727.110(d)(2);
- 4) A description of the security procedures and equipment required by 35 Ill. Adm. Code 727.110(e);
- 5) A copy of the general inspection schedule required by 35 Ill. Adm. Code 727.110(f)(2). The owner or operator must include in the inspection schedule applicable requirements of 35 Ill. Adm. Code 724.933, 724.952, 724.953, 724.958, 724.988, 727.270(e), and 727.290(d) and (f);
- 6) A justification of any modification of the preparedness and prevention requirements of 35 Ill. Adm. Code 727.130(a) through (f);
- 7) A copy of the contingency plan required by 35 Ill. Adm. Code 727.150;
- 8) A description of procedures, structures, or equipment used at the facility to accomplish each of the following:
 - A) Prevent hazards in unloading operations (for example, use ramps, special forklifts);
 - B) Prevent run-off~~runoff~~ from hazardous waste handling areas to other areas of the facility or environment, or to prevent flooding (for example, with berms, dikes, trenches, etc.);
 - C) Prevent contamination of water supplies;
 - D) Mitigate effects of equipment failure and power outages;
 - E) Prevent undue exposure of personnel to hazardous waste (for example, requiring protective clothing); and
 - F) Prevent releases to atmosphere;
- 9) A description of precautions to prevent accidental ignition or reaction of ignitable, reactive, or incompatible wastes as required by 35 Ill. Adm. Code 727.110(h);
- 10) The traffic pattern, estimated volume (number, types of vehicles) and control (for example, show turns across traffic lanes, and stacking lanes; describe access road surfacing and load bearing capacity; show traffic control signals, etc.);
- 11) This subsection (a)(11) corresponds with 40 CFR 270.290(k), which USEPA has marked "Reserved". This statement maintains structural consistency with the corresponding federal rules;

12) An outline of both the introductory and continuing training programs that the owner or operator will use to prepare employees to operate or maintain its facility safely as required by 35 Ill. Adm. Code 727.110(g). A brief description of how training will be designed to meet actual job tasks pursuant to 35 Ill. Adm. Code 727.110(g)(1)(B) requirements;

13) A copy of the closure plan required by 35 Ill. Adm. Code 727.210(c). Include, where applicable, as part of the plans, specific requirements in 35 Ill. Adm. Code 727.270(g), 727.290(1), and 727.900(i);

14) This subsection (a)(14) corresponds with 40 CFR 270.290(n), which USEPA has marked "Reserved". This statement maintains structural consistency with the corresponding federal rules;

15) The most recent closure cost estimate for the facility prepared pursuant to 35 Ill. Adm. Code 727.240(c) and a copy of the documentation required to demonstrate financial assurance pursuant to 35 Ill. Adm. Code 727.240(d). For a new facility, the owner or operator may gather the required documentation 60 days before the initial receipt of hazardous wastes;

16) This subsection (a)(16) corresponds with 40 CFR 270.290(p), which USEPA has marked "Reserved". This statement maintains structural consistency with the corresponding federal rules;

17) Where applicable, a copy of the insurance policy or other documentation that complies with the liability requirements of 35 Ill. Adm. Code 727.240(h). For a new facility, documentation showing the amount of insurance meeting the specification of 35 Ill. Adm. Code 727.240(h)(1) that the owner or operator plans to have in effect before initial receipt of hazardous waste for treatment or storage;

18) Where appropriate, proof of coverage by a State financial mechanism, as required by 35 Ill. Adm. Code 727.240(j) or 727.240(k);

19) A topographic map showing 305 meters (~~a distance of 1,000 feet~~) around the facility at a scale of 2.5 centimeters (1 inch) equal to not more than 61.0 meters (200 feet). The map must show elevation contours. The contour interval must show the pattern of surface water flow near ~~in the vicinity of~~ and from each operational unit of the facility. For example, contours with an interval of 1.5 meters (5 feet), if relief is greater than 6.1 meters (20 feet), or an interval of 0.6 meters (2 feet), if relief is less than 6.1 meters (20 feet). If the facility is in a mountainous area, the owner or operator should use large contour intervals to adequately show topographic profiles of the facility. The map must clearly show each of the following:

- A) The map scale and date;
- B) Any 100-year flood plain area;

- C) All surface waters including intermittent streams;
- D) The surrounding land uses (residential, commercial, agricultural, recreational, etc.);
- E) A wind rose (i.e., prevailing windspeed and direction);
- F) The orientation of the map (north arrow);
- G) Legal boundaries of the facility site;
- H) Facility access control (fences, gates);
- I) All injection and withdrawal wells both on-site and off-site;
- J) All buildings; treatment, storage, or disposal operations; and other structures (recreation areas, run-off-~~runoff~~ control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.);
- K) Barriers for drainage or flood control; and
- L) The location of operational units within the facility where hazardous waste is (or will be) treated or stored (including equipment cleanup areas).

BOARD NOTE: Subsection (a) is derived from 40 CFR ~~270.290-~~
~~(2017)-270.290.~~

- b) Container Information to Be Maintained at the Facility. If the facility owner or operator stores or treats hazardous waste in containers, it must keep the following information at its facility:
 - 1) A description of the containment system to demonstrate compliance with the container storage area provisions of 35 Ill. Adm. Code 727.270(d). This description must show the following information:
 - A) The basic design parameters, dimensions, and materials of construction;
 - B) How the design promotes drainage or how containers are kept from contact with standing liquids in the containment system;
 - C) The capacity of the containment system relative to the number and volume of containers to be stored;
 - D) The provisions for preventing or managing run-on; and
 - E) How accumulated liquids can be analyzed and removed to prevent overflow;

2) For storage areas that store containers holding wastes that do not contain free liquids, a demonstration of compliance with 35 Ill. Adm. Code 727.270(d)(3), including the following:

A) Test procedures and results or other documentation or information to show that the wastes do not contain free liquids; and

B) A description of how the storage area is designed or operated to drain and remove liquids or how containers are kept from contact with standing liquids;

3) Sketches, drawings, or data demonstrating compliance with 35 Ill. Adm. Code 727.270(e) (location of buffer zone (15m or 50ft) and containers holding ignitable or reactive wastes) and 35 Ill. Adm. Code 727.270(f)(3) (location of incompatible wastes in relation to each other), where applicable;

4) Where incompatible wastes are stored or otherwise managed in containers, a description of the procedures used to ensure compliance with 35 Ill. Adm. Code 727.270(f)(1) and (f)(2), and 35 Ill. Adm. Code 727.110(h)(2) and (h)(3); and

5) Information on air emission control equipment as required by Section 703.352(e).

BOARD NOTE: Subsection (b) is derived from 40 CFR ~~270.300-~~
~~(2017)-270.300.~~

c) Tank Information to Be Maintained at the Facility. If the facility owner or operator uses tanks to store or treat hazardous waste, it must keep the following information at its facility:

1) A written assessment that is reviewed and certified by an independent, qualified, registered professional engineer on the structural integrity and suitability for handling hazardous waste of each tank system, as required pursuant to 35 Ill. Adm. Code 727.290(b) and (c);

2) The dimensions and capacity of each tank;

3) A description of feed systems, safety cutoff, bypass systems, and pressure controls (e.g., vents);

4) A diagram of piping, instrumentation, and process flow for each tank system;

5) A description of materials and equipment used to provide external corrosion protection, as required pursuant to 35 Ill. Adm. Code 727.290(b);

- 6) For new tank systems, a detailed description of how the tank systems will be installed in compliance with 35 Ill. Adm. Code 727.290(c) and (e);
- 7) Detailed plans and description of how the secondary containment system for each tank system is or will be designed, constructed, and operated to meet the requirements of 35 Ill. Adm. Code 727.290(f) and (g);
- 8) This subsection (c)(8) corresponds with 40 CFR 270.305(h), which USEPA has marked "Reserved". This statement maintains structural consistency with the corresponding federal rules;
- 9) A description of controls and practices to prevent spills and overflows, as required pursuant to 35 Ill. Adm. Code 727.290(i);
- 10) For tank systems in which ignitable, reactive, or incompatible wastes are to be stored or treated, a description of how operating procedures and tank system and facility design will achieve compliance with 35 Ill. Adm. Code 727.290(m) and (n); and
- 11) Information on air emission control equipment, as required by Section 703.352(e).

BOARD NOTE: Subsection (c) is derived from 40 CFR ~~270.305-~~
~~(2017)-270.305.~~

- d) Equipment Information to Be Maintained at the Facility. If the facility has equipment to which Subpart BB of 35 Ill. Adm. Code 724 applies, the facility owner or operator must keep the following information at its facility:
 - 1) For each piece of equipment to which Subpart BB of 35 Ill. Adm. Code 724 applies, the following:
 - A) The equipment identification number and hazardous waste management unit identification;
 - B) The approximate locations within the facility (e.g., identify the hazardous waste management unit on a facility plot plan);
 - C) The type of equipment (e.g., a pump or a pipeline valve);
 - D) The percent by weight of total organics in the hazardous waste stream at the equipment;
 - E) The phase of the hazardous waste at the equipment (e.g., gas or vapor or liquid); and
 - F) The method of compliance with the standard (e.g., monthly leak detection and repair, or equipped with dual mechanical seals);

2) For a facility that cannot install a closed-vent system and control device to comply with Subpart BB of 35 Ill. Adm. Code 724 on the effective date that the facility becomes subject to the Subpart BB provisions, an implementation schedule as specified in 35 Ill. Adm. Code 724.933(a)(2);

3) Documentation that demonstrates compliance with the equipment standards in 35 Ill. Adm. Code 724.952 and 724.959. This documentation must contain the records required pursuant to 35 Ill. Adm. Code 724.964; and

4) Documentation to demonstrate compliance with 35 Ill. Adm. Code 724.960, which must include the following information:

A) A list of all information references and sources used in preparing the documentation;

B) Records, including the dates, of each compliance test required by 35 Ill. Adm. Code 724.933(j);

C) A design analysis, specifications, drawings, schematics, and piping and instrumentation diagrams based on the appropriate sections of "APTI Course 415: Control of Gaseous Emissions", USEPA publication number EPA-450/2-81-005, incorporated by reference in 35 Ill. Adm. Code 720.111(a) or other engineering texts acceptable to the Agency that present basic control device design information. The design analysis must address the vent stream characteristics and control device operation parameters, as specified in 35 Ill. Adm. Code 724.935(b)(4)(iii);

D) A statement signed and dated by the facility owner or operator that certifies that the operating parameters used in the design analysis reasonably represent the conditions that exist when the hazardous waste management unit is operating at the highest load or capacity level reasonable expected to occur; and

E) A statement signed and dated by the facility owner or operator that certifies that the control device is designed to operate at an efficiency of 95 weight percent or greater.

BOARD NOTE: Subsection (d) is derived from 40 CFR ~~270.310~~
(2017)-270.310.

e) Air Emissions Control Information to Be Maintained at the Facility. If the facility owner or operator has air emission control equipment subject to Subpart CC of 35 Ill. Adm. Code 724, it must keep the following information at its facility:

1) Documentation for each floating roof cover installed on a tank subject to 35 Ill. Adm. Code 724.984(d)(1) or (d)(2) that includes information that the owner or operator prepared or the cover manufacturer or vendor provided describing the cover design, and the

owner's or operator's certification that the cover meets applicable design specifications listed in 35 Ill. Adm. Code 724.984(e)(1) or (f)(1);

2) Identification of each container area subject to Subpart CC of 35 Ill. Adm. Code 724 and the owner's or operator's certification that the requirements of this Subpart J are met;

3) Documentation for each enclosure used to control air pollutant emissions from tanks or containers pursuant to requirements of 35 Ill. Adm. Code 724.984(d)(5) or 724.986(e)(1)(B). The owner or operator must include records for the most recent set of calculations and measurements that it performed to verify that the enclosure meets the criteria of a permanent total enclosure as specified in appendix B to 40 CFR 52.741 (Procedure T - Criteria for and Verification of a Permanent or Temporary Total Enclosure), incorporated by reference in 35 Ill. Adm. Code 720.111(b);

4) This subsection (e)(4) corresponds with 40 CFR 270.315(d), which USEPA has marked "Reserved". This statement maintains structural consistency with the corresponding federal rules;

5) Documentation for each closed-vent system and control device installed pursuant to 35 Ill. Adm. Code 724.987 that includes design and performance information, as specified in Section 703.210(c) and (d); and

6) An emission monitoring plan for both Method 21 in appendix A to 40 CFR 60 (Determination of Volatile Organic Compound Leaks), incorporated by reference in 35 Ill. Adm. Code 720.111(b), and control device monitoring methods. This plan must include the following information: monitoring points, monitoring methods for control devices, monitoring frequency, procedures for documenting exceedances, and procedures for mitigating noncompliances.

BOARD NOTE: Subsection (e) is derived from 40 CFR ~~270.315-~~
~~(2017)-270.315.~~

(Source: Amended at 43 Ill. Reg. _____, effective
_____)

Section 703.APPENDIX A Classification of Permit Modifications

ClassModificationsA. General Permit Provisions11. Administrative and informational changes.12. Correction of typographical errors.13.

Equipment replacement or upgrading with functionally equivalent components (e.g., pipes, valves, pumps, conveyors, controls).4.

Changes in the frequency of or procedures for monitoring, reporting, sampling, or maintenance activities by the permittee:1a. To provide for more frequent monitoring, reporting, or maintenance.2b.

Other changes.5. Schedule of compliance:1*a. Changes in interim compliance dates, with prior approval of the Agency.3b. Extension of final compliance date.1*6. Changes in expiration date of permit to

allow earlier permit termination, with prior approval of the Agency.1*7.

Changes in ownership or operational control of a facility, provided the procedures of Section 703.260(b) are followed.1*8.

Changes to remove permit conditions that are no longer applicable (i.e., because the standards upon which they are based are no longer applicable to the facility).1*9. Changes to remove permit conditions applicable to a unit excluded pursuant to the provisions of 35 Ill. Adm. Code 721.104.1*10.

Changes in the expiration date of a permit issued to a facility at which all units are excluded pursuant to the provisions of 35 Ill. Adm. Code 721.104.B. General Facility Standards1. Changes to waste sampling or analysis methods:1a. To conform with Agency guidance or Board regulations.1*b. To incorporate changes associated with F039 (multi-source leachate) sampling or analysis methods.1*c. To incorporate changes associated with underlying hazardous constituents in ignitable or corrosive wastes.2d. Other changes.2. Changes to analytical quality assurance or quality control plan:1a. To conform with agency guidance or regulations.2b. Other changes.13. Changes in procedures for maintaining the operating record.24. Changes in frequency or content of inspection schedules.5. Changes in the training plan:2a.

That affect the type or decrease the amount of training given to employees.1b. Other changes.6. Contingency plan:2a. Changes in emergency procedures (i.e., spill or release response procedures).1b.

Replacement with functionally equivalent equipment, upgrade, or relocate emergency equipment listed.2c. Removal of equipment from emergency equipment list.1d. Changes in name, address, or phone number of coordinators or other persons or agencies identified in the plan. Note: When a permit modification (such as introduction of a new unit) requires a change in facility plans or other general facility standards, that change must be reviewed under the same procedures as the permit modification.7. CQA plan:1a. Changes that the CQA officer certifies in the operating record will provide equivalent or better certainty that the unit components meet the design specifications.2b. Other changes. Note: When a permit modification (such as introduction of a new unit) requires a change in facility plans or other general facility standards, that change must be reviewed under the same procedures as a permit modification.C. Groundwater Protection1. Changes to wells:2a.

Changes in the number, location, depth, or design of upgradient or downgradient wells of permitted groundwater monitoring system.1b.

Replacement of an existing well that has been damaged or rendered inoperable, without change to location, design, or depth of the well.1*2. Changes in groundwater sampling or analysis procedures or monitoring schedule, with prior approval of the Agency.1*3. Changes in statistical procedure for determining whether a statistically significant change in groundwater quality between upgradient and downgradient wells has occurred, with prior approval of the Agency.24.

Changes in point of compliance.5. Changes in indicator parameters, hazardous constituents, or concentration limits (including ACLs (Alternate Concentration Limits)):3a. As specified in the groundwater protection standard.2b. As specified in the detection monitoring program.26. Changes to a detection monitoring program as required by 35 Ill. Adm. Code 724.198(h), unless otherwise specified in this Appendix.7. Compliance monitoring program:3a. Addition of compliance

monitoring program as required by 35 Ill. Adm. Code 724.198(g)(4) and 724.199.2b. Changes to a compliance monitoring program as required by 35 Ill. Adm. Code 724.199(j), unless otherwise specified in this Appendix.8. Corrective action program:3a. Addition of a corrective action program as required by 35 Ill. Adm. Code 724.199(i)(2) and 724.200.2b. Changes to a corrective action program as required by 35 Ill. Adm. Code 724.200(h), unless otherwise specified in this Appendix.D.

Closure1. Changes to the closure plan:1*a. Changes in estimate of maximum extent of operations or maximum inventory of waste on-site at any time during the active life of the facility, with prior approval of the Agency.1*b. Changes in the closure schedule for any unit, changes in the final closure schedule for the facility or extension of the closure period, with prior approval of the Agency.1*c. Changes in the expected year of final closure, where other permit conditions are not changed, with prior approval of the Agency.1*d. Changes in procedures for decontamination of facility equipment or structures, with prior approval of the Agency.2e. Changes in approved closure plan resulting from unexpected events occurring during partial or final closure, unless otherwise specified in this Appendix.2f. Extension of the closure period to allow a landfill, surface impoundment, or land treatment unit to receive non-hazardous wastes after final receipt of hazardous wastes under 35 Ill. Adm. Code 724.213(d) or (e).32. Creation of a new landfill unit as part of closure.3. Addition of the following new units to be used temporarily for closure activities:3a. Surface impoundments.3b.

Incinerators.3c. Waste piles that do not comply with 35 Ill. Adm. Code 724.350(c).2d. Waste piles that comply with 35 Ill. Adm. Code 724.350(c).2e. Tanks or containers (other than specified in paragraph D(3)(f) below).1*f. Tanks used for neutralization, dewatering, phase separation, or component separation, with prior approval of the Agency.2g. Staging piles.E. Post-Closure11. Changes in name, address, or phone number of the contact in the post-closure plan.22. Extension of post-closure care period.33. Reduction in the post-closure care period.14. Changes to the expected year of final closure, where other permit conditions are not changed.25. Changes in post-closure plan necessitated by events occurring during the active life of the facility, including partial and final closure.F. Containers1. Modification or addition of container units:3a. Resulting in greater than 25 percent increase in the facility's container storage capacity, except as provided in F(1)(c) and F(4)(a).2b. Resulting in up to 25 percent increase in the facility's container storage capacity, except as provided in F(1)(c) and F(4)(a).1c. Modification or addition of container units or treatment processes necessary to treat wastes that are restricted from land disposal to meet some or all of the applicable treatment standards, with prior approval of the Agency. This modification may also involve the addition of new USEPA hazardous waste numbers or narrative description of wastes. It is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).2. Modification of container units without an increased capacity or alteration of the system:2a. Modification of a container unit without increasing the capacity of the unit.1b. Addition of a roof to a container unit without alteration of the containment system.3.

Storage of different wastes in containers, except as provided in

F(4):3a. That require additional or different management practices from those authorized in the permit.2b. That do not require additional or different management practices from those authorized in the permit.Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.4.

Storage or treatment of different wastes in containers:2*a. That require addition of units or change in treatment process or management standards, provided that the wastes are restricted from land disposal and are to be treated to meet some or all of the applicable treatment standards. It is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).1*b. That do not require the addition of units or a change in the treatment process or management standards, and provided that the units have previously received wastes of the same type (e.g., incinerator scrubber water). This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).G. Tanks1. Modification of a tank unit, secondary containment system, or treatment process that increases tank capacity, adds a new tank, or alters treatment, specified as follows:3a.

Modification or addition of tank units resulting in greater than 25 percent increase in the facility's tank capacity, except as provided in paragraphs G(1)(c), G(1)(d), and G(1)(e).2b. Modification or addition of tank units resulting in up to 25 percent increase in the facility's tank capacity, except as provided in paragraphs G(1)(d) and G(1)(e).2c. Addition of a new tank that will operate for more than 90 days using any of the following physical or chemical treatment technologies: neutralization, dewatering, phase separation, or component separation.1*d. After prior approval of the Agency, addition of a new tank that will operate for up to 90 days using any of the following physical or chemical treatment technologies: neutralization, dewatering, phase separation, or component separation.1*e.

Modification or addition of tank units or treatment processes that are necessary to treat wastes that are restricted from land disposal to meet some or all of the applicable treatment standards, with prior approval of the Agency. This modification may also involve the addition of new USEPA hazardous waste numbers. It is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).22. Modification of a tank unit or secondary containment system without increasing the capacity of the unit.13. Replacement of a tank with a tank that meets the same design standards and has a capacity within ~~±~~10 percent of the replaced tank provided:a. The capacity difference is no more than 1500 gallons (5680 l),b. The facility's permitted tank capacity is not increased, andc. The replacement tank meets the same conditions in the permit.24. Modification of a tank management practice.5. Management of different wastes in tanks:3a. That require additional or different management practices, tank design, different fire protection specifications or significantly different tank treatment process from that authorized in the permit, except as provided in paragraph G(5)(c).2b. That do not require additional or different management practices or tank design, different fire protection specification, or significantly different tank treatment process than authorized in the permit, except as provided in paragraph G(5)(d).Note: See Section 703.280(g) for modification procedures to be used for the

management of newly listed or identified wastes.1*c. That require addition of units or change in treatment processes or management standards, provided that the wastes are restricted from land disposal and are to be treated to meet some or all of the applicable treatment standards. The modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).1d. That do not require the addition of units or a change in the treatment process or management standards, and provided that the units have previously received wastes of the same type (e.g., incinerator scrubber water). This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.H. Surface Impoundments31.

Modification or addition of surface impoundment units that result in increasing the facility's surface impoundment storage or treatment capacity.32. Replacement of a surface impoundment unit.23.

Modification of a surface impoundment unit without increasing the facility's surface impoundment storage or treatment capacity and without modifying the unit's liner, leak detection system, or leachate collection system.24. Modification of a surface impoundment management practice.5. Treatment, storage, or disposal of different wastes in surface impoundments:3a. That require additional or different management practices or different design of the liner or leak detection system than authorized in the permit.2b. That do not require additional or different management practices or different design of the liner or leak detection system than authorized in the permit.Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.1c. That are wastes restricted from land disposal that meet the applicable treatment standards. This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).1d. That are residues from wastewater treatment or incineration, provided the disposal occurs in a unit that meets the minimum technological requirements stated in 40 CFR 268.5(h)(2) (Procedures for Case-by-Case Extensions to an Effective Date), incorporated by reference in 35 Ill. Adm. Code 720.111(b), and provided further that the surface impoundment has previously received wastes of the same type (for example, incinerator scrubber water). This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).1*6. Modifications of unconstructed units to comply with 35 Ill. Adm. Code 724.321(c), 724.322, 724.323, and 724.326(d).7. Changes in response action plan:3a. Increase in action leakage rate.3b.

Change in a specific response reducing its frequency or effectiveness.2c. Other changes.Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.I. Enclosed Waste Piles. For all waste piles, except those complying with 35 Ill. Adm. Code 724.350(c), modifications are treated the same as for a landfill. The following modifications are applicable only to waste piles complying with 35 Ill. Adm. Code 724.350(c).1. Modification or addition of waste pile units:3a.

Resulting in greater than 25 percent increase in the facility's waste pile storage or treatment capacity.2b. Resulting in up to 25

percent increase in the facility's waste pile storage or treatment capacity.22. Modification of waste pile unit without increasing the capacity of the unit.13. Replacement of a waste pile unit with another waste pile unit of the same design and capacity and meeting all waste pile conditions in the permit.24. Modification of a waste pile management practice.5. Storage or treatment of different wastes in waste piles:3a. That require additional or different management practices or different design of the unit.2b. That do not require additional or different management practices or different design of the unit.Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.26. Conversion of an enclosed waste pile to a containment building unit.Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.J. Landfills and Unenclosed Waste Piles31. Modification or addition of landfill units that result in increasing the facility's disposal capacity.32. Replacement of a landfill.33. Addition or modification of a liner, leachate collection system, leachate detection system, run-off ~~runoff~~-control, or final cover system.24. Modification of a landfill unit without changing a liner, leachate collection system, leachate detection system, run-off ~~runoff~~-control, or final cover system.25. Modification of a landfill management practice.6. Landfill different wastes:3a. That require additional or different management practices, different design of the liner, leachate collection system, or leachate detection system.2b. That do not require additional or different management practices, different design of the liner, leachate collection system, or leachate detection system.Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.1c. That are wastes restricted from land disposal that meet the applicable treatment standards. This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).1d. That are residues from wastewater treatment or incineration, provided the disposal occurs in a landfill unit that meets the minimum technological requirements stated in 40 CFR 268.5(h)(2) (Procedures for Case-by-Case Extensions to an Effective Date), incorporated by reference in 35 Ill. Adm. Code 720.111(b), and provided further that the landfill has previously received wastes of the same type (for example, incinerator ash). This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).1*7. Modification of unconstructed units to comply with 35 Ill. Adm. Code 724.351(c), 724.352, 724.353, 724.354(c), 724.401(c), 724.402, 724.403(c), and 724.404.8. Changes in response action plan:3a. Increase in action leakage rate.3b. Change in a specific response reducing its frequency or effectiveness.2c. Other changes.Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.K. Land Treatment31. Lateral expansion of or other modification of a land treatment unit to increase area extent.22. Modification of run-on ~~runon~~-control system.33. Modify run-off ~~runoff~~-control system.24. Other modification of land treatment unit component specifications or standards required in permit.5. Management of different wastes in land treatment units:3a. That require a change in permit operating

conditions or unit design specifications.2b. That do not require a change in permit operating conditions or unit design specifications.Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.6.

Modification of a land treatment unit management practice to:3a.

Increase rate or change method of waste application.1b. Decrease rate of waste application.27. Modification of a land treatment unit management practice to change measures of pH or moisture content or to enhance microbial or chemical reactions.38. Modification of a land treatment unit management practice to grow food chain crops, to add to or replace existing permitted crops with different food chain crops or to modify operating plans for distribution of animal feeds resulting from such crops.39. Modification of operating practice due to detection of releases from the land treatment unit pursuant to 35 Ill. Adm. Code 724.378(g)(2).310.Changes in the unsaturated zone monitoring system that result in a change to the location, depth, or number of sampling points or which replace unsaturated zone monitoring devices or components of devices with devices or components that have specifications different from permit requirements.211. Changes in the unsaturated zone monitoring system that do not result in a change to the location, depth, or number of sampling points or which replace unsaturated zone monitoring devices or components of devices with devices or components having specifications different from permit requirements.212. Changes in background values for hazardous constituents in soil and soil-pore liquid.213. Changes in sampling, analysis, or statistical procedure.214. Changes in land treatment demonstration program prior to or during the demonstration.1*15.

Changes in any condition specified in the permit for a land treatment unit to reflect results of the land treatment demonstration, provided performance standards are met, and the Agency's prior approval has been received.1*16. Changes to allow a second land treatment demonstration to be conducted when the results of the first demonstration have not shown the conditions under which the wastes can be treated completely, provided the conditions for the second demonstration are substantially the same as the conditions for the first demonstration and have received the prior approval of the Agency.317.

Changes to allow a second land treatment demonstration to be conducted when the results of the first demonstration have not shown the conditions under which the wastes can be treated completely, where the conditions for the second demonstration are not substantially the same as the conditions for the first demonstration.218. Changes in vegetative cover requirements for closure.L. Incinerators, Boilers and Industrial Furnaces31. Changes to increase by more than 25 percent any of the following limits authorized in the permit: A thermal feed rate limit, a feedstream feed rate limit, a chlorine/chloride feed rate limit, a metal feed rate limit, or an ash feed rate limit. The Agency must require a new trial burn to substantiate compliance with the regulatory performance standards unless this demonstration can be made through other means.22. Changes to increase by up to 25 percent any of the following limits authorized in the permit: A thermal feed rate limit, a feedstream feed rate limit, a chlorine/chloride feed rate limit, a metal feed rate limit, or an ash feed rate limit. The Agency must require a

new trial burn to substantiate compliance with the regulatory performance standards unless this demonstration can be made through other means.33. Modification of an incinerator, boiler, or industrial furnace unit by changing the internal size or geometry of the primary or secondary combustion units; by adding a primary or secondary combustion unit; by substantially changing the design of any component used to remove HCl/Cl₂, metals, or particulate from the combustion gases; or by changing other features of the incinerator, boiler, or industrial furnace that could affect its capability to meet the regulatory performance standards. The Agency must require a new trial burn to substantiate compliance with the regulatory performance standards, unless this demonstration can be made through other means.24.

Modification of an incinerator, boiler, or industrial furnace unit in a manner that will not likely affect the capability of the unit to meet the regulatory performance standards but which will change the operating conditions or monitoring requirements specified in the permit. The Agency may require a new trial burn to demonstrate compliance with the regulatory performance standards.5. Operating requirements:3a.

Modification of the limits specified in the permit for minimum or maximum combustion gas temperature, minimum combustion gas residence time, oxygen concentration in the secondary combustion chamber, flue gas carbon monoxide or hydrocarbon concentration, maximum temperature at the inlet to the PM emission control system, or operating parameters for the air pollution control system. The Agency must require a new trial burn to substantiate compliance with the regulatory performance standards unless this demonstration can be made through other means.3b.

Modification of any stack gas emission limits specified in the permit, or modification of any conditions in the permit concerning emergency shutdown or automatic waste feed cutoff procedures or controls.2c. Modification of any other operating condition or any inspection or recordkeeping requirement specified in the permit.6.

Burning different wastes:3a. If the waste contains a POHC that is more difficult to burn than authorized by the permit or if burning of the waste requires compliance with different regulatory performance standards than specified in the permit, the Agency must require a new trial burn to substantiate compliance with the regulatory performance standards, unless this demonstration can be made through other means.2b.

If the waste does not contain a POHC that is more difficult to burn than authorized by the permit and if burning of the waste does not require compliance with different regulatory performance standards than specified in the permit. Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.7. Shakedown and trial burn:2a. Modification of the trial burn plan or any of the permit conditions applicable during the shakedown period for determining operational readiness after construction, the trial burn period or the period immediately following the trial burn.1*b. Authorization of up to an additional 720 hours of waste burning during the shakedown period for determining operational readiness after construction, with the prior approval of the Agency.1*c.

Changes in the operating requirements set in the permit for conducting a trial burn, provided the change is minor and has received the prior approval of the Agency.1*d. Changes in the ranges of the

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Description	35-703-r01(issue 9)
Rendering set	Standard

Legend:	
<u>Insertion</u>	
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Padding cell	

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Deletions	34
Moved from	0
Moved to	0
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Total changes	42

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83 703.221 Alternative Compliance with the Federal NESHAPS
84 703.222 Incinerator Conditions Prior to Trial Burn
85 703.223 Incinerator Conditions During Trial Burn
86 703.224 Incinerator Conditions After Trial Burn

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131 SUBPART I: INTEGRATION WITH MAXIMUM ACHIEVABLE
132 CONTROL TECHNOLOGY (MACT) STANDARDS
133

134 Section

135 703.320 Options for Incinerators and Cement and Lightweight Aggregate Kilns to
136 Minimize Emissions from Startup, Shutdown, and Malfunction Events
137

138 SUBPART J: RCRA STANDARDIZED PERMITS
139 FOR STORAGE AND TREATMENT UNITS
140

141 Section

142 703.350 General Information About RCRA Standardized Permits
143 703.351 Applying for a RCRA Standardized Permit
144 703.352 Information That Must Be Kept at the Facility
145 703.353 Modifying a RCRA Standardized Permit
146

147 703.APPENDIX A Classification of Permit Modifications
148

149 AUTHORITY: Implementing Sections 7.2 and 22.4 and authorized by Section 27 of the
150 Environmental Protection Act [415 ILCS 5].
151

152 SOURCE: Adopted in R82-19 at 7 Ill. Reg. 14289, effective October 12, 1983; amended in
153 R83-24 at 8 Ill. Reg. 206, effective December 27, 1983; amended in R84-9 at 9 Ill. Reg. 11899,
154 effective July 24, 1985; amended in R85-22 at 10 Ill. Reg. 1110, effective January 2, 1986;
155 amended in R85-23 at 10 Ill. Reg. 13284, effective July 28, 1986; amended in R86-1 at 10 Ill.
156 Reg. 14093, effective August 12, 1986; amended in R86-19 at 10 Ill. Reg. 20702, effective
157 December 2, 1986; amended in R86-28 at 11 Ill. Reg. 6121, effective March 24, 1987; amended
158 in R86-46 at 11 Ill. Reg. 13543, effective August 4, 1987; amended in R87-5 at 11 Ill. Reg.
159 19383, effective November 12, 1987; amended in R87-26 at 12 Ill. Reg. 2584, effective January
160 15, 1988; amended in R87-39 at 12 Ill. Reg. 13069, effective July 29, 1988; amended in R88-16
161 at 13 Ill. Reg. 447, effective December 27, 1988; amended in R89-1 at 13 Ill. Reg. 18477,
162 effective November 13, 1989; amended in R89-9 at 14 Ill. Reg. 6278, effective April 16, 1990;
163 amended in R90-2 at 14 Ill. Reg. 14492, effective August 22, 1990; amended in R90-11 at 15 Ill.
164 Reg. 9616, effective June 17, 1991; amended in R91-1 at 15 Ill. Reg. 14554, effective September
165 30, 1991; amended in R91-13 at 16 Ill. Reg. 9767, effective June 9, 1992; amended in R92-10 at
166 17 Ill. Reg. 5774, effective March 26, 1993; amended in R93-4 at 17 Ill. Reg. 20794, effective
167 November 22, 1993; amended in R93-16 at 18 Ill. Reg. 6898, effective April 26, 1994; amended
168 in R94-7 at 18 Ill. Reg. 12392, effective July 29, 1994; amended in R94-5 at 18 Ill. Reg. 18316,
169 effective December 20, 1994; amended in R95-6 at 19 Ill. Reg. 9920, effective June 27, 1995;
170 amended in R95-20 at 20 Ill. Reg. 11225, effective August 1, 1996; amended in R96-10/R97-
171 3/R97-5 at 22 Ill. Reg. 553, effective December 16, 1997; amended in R98-12 at 22 Ill. Reg.
172 7632, effective April 15, 1998; amended in R97-21/R98-3/R98-5 at 22 Ill. Reg. 17930, effective

173 September 28, 1998; amended in R98-21/R99-2/R99-7 at 23 Ill. Reg. 2153, effective January 19,
 174 1999; amended in R99-15 at 23 Ill. Reg. 9381, effective July 26, 1999; amended in R00-13 at 24
 175 Ill. Reg. 9765, effective June 20, 2000; amended in R01-21/R01-23 at 25 Ill. Reg. 9313, effective
 176 July 9, 2001; amended in R02-1/R02-12/R02-17 at 26 Ill. Reg. 6539, effective April 22, 2002;
 177 amended in R03-7 at 27 Ill. Reg. 3496, effective February 14, 2003; amended in R03-18 at 27 Ill.
 178 Reg. 12683, effective July 17, 2003; amended in R05-8 at 29 Ill. Reg. 5966, effective April 13,
 179 2005; amended in R06-5/R06-6/R06-7 at 30 Ill. Reg. 2845, effective February 23, 2006;
 180 amended in R06-16/R06-17/R06-18 at 31 Ill. Reg. 487, effective December 20, 2006; amended
 181 in R07-5/R07-14 at 32 Ill. Reg. 11672, effective July 14, 2008; amended in R09-16/R10-4 at 34
 182 Ill. Reg. 18505, effective November 12, 2010; amended in R13-15 at 37 Ill. Reg. 17659,
 183 effective October 24, 2013; amended in R16-7 at 40 Ill. Reg. 11271, effective August 9, 2016;
 184 amended in R17-14/R17-15/R18-12/R18-31 at 42 Ill. Reg. 20993, effective November 19, 2018;
 185 amended in R19-11 at 43 Ill. Reg. _____, effective _____.

186
 187 **SUBPART D: APPLICATIONS**
 188

189 **Section 703.183 General Information**
 190

191 The following information is required in the Part B application for all HWM facilities, except as
 192 35 Ill. Adm. Code 724.101 provides otherwise:
 193

- 194 a) A general description of the facility;
- 195
- 196 b) Chemical and physical analyses of the hazardous wastes and hazardous debris to
 197 be handled at the facility. At a minimum, these analyses must contain all the
 198 information that must be known to treat, store, or dispose of the wastes properly
 199 in accordance with 35 Ill. Adm. Code 724;
- 200
- 201 c) A copy of the waste analysis plan required by 35 Ill. Adm. Code 724.113(b) and,
 202 if applicable, 35 Ill. Adm. Code 724.113(c);
 203
- 204 d) A description of the security procedures and equipment required by 35 Ill. Adm.
 205 Code 724.114, or a justification demonstrating the reasons for requesting a waiver
 206 of this requirement;
- 207
- 208 e) A copy of the general inspection schedule required by 35 Ill. Adm. Code
 209 724.115(b). Include where applicable, as part of the inspection schedule, specific
 210 requirements in 35 Ill. Adm. Code 724.274, 724.293(i), 724.295, 724.326,
 211 724.354, 724.373, 724.403, 724.702, 724.933, 724.952, 724.953, 724.958,
 212 724.984, 724.985, 724.986, and 724.988;
- 213
- 214 f) A justification of any request for a waiver of the preparedness and prevention
 215 requirements of Subpart C of 35 Ill. Adm. Code 724;

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- g) A copy of the contingency plan required by Subpart D of 35 Ill. Adm. Code 724;

BOARD NOTE: Include, where applicable, as part of the contingency plan, specific requirements in 35 Ill. Adm. Code 724.200 and 724.327. Corresponding 40 CFR 270.14(b)(7) refers to the requirements of 40 CFR 264.255 (corresponding with 35 Ill. Adm. Code 724.355), marked "reserved" by USEPA.
- h) A description of procedures, structures, or equipment used at the facility as follows:
 - 1) To prevent hazards in unloading operations (for example, ramps, or special forklifts);
 - 2) To prevent ~~run-off~~ runoff from hazardous waste handling areas to other areas of the facility or environment, or to prevent flooding (for example, berms, dikes, or trenches);
 - 3) To prevent contamination of water supplies;
 - 4) To mitigate effects of equipment failure and power outages;
 - 5) To prevent undue exposure of personnel to hazardous waste (for example, protective clothing); and
 - 6) To prevent releases to the atmosphere;
- i) A description of precautions to prevent accidental ignition or reaction of ignitable, reactive, or incompatible wastes, as required to demonstrate compliance with 35 Ill. Adm. Code 724.117, including documentation demonstrating compliance with 35 Ill. Adm. Code 724.117(c);
- j) A description of the area traffic pattern, the estimated traffic volume (number and types of vehicles), and area traffic control (for example, show turns across traffic lanes and stacking lanes, if appropriate); a description of access road surfacing and load bearing capacity; and the locations and types of traffic control signals;
- k) Facility location information, as required by Section 703.184;

BOARD NOTE: The Board has codified 40 CFR 270.14(b)(11)(iii) through (b)(11)(v) (2005) as Section 703.184(c) through (e) to comport with Illinois Administrative Code codification requirements. The Board did not include an equivalent to 40 CFR 270.14(b)(11)(i) and (b)(11)(ii), relating to certain seismic

- 259 zones not located within Illinois.
 260
 261 l) An outline of both the introductory and continuing training programs by the
 262 owner or operator to prepare persons to operate or maintain the HWM facility in a
 263 safe manner, as required to demonstrate compliance with 35 Ill. Adm. Code
 264 724.116. A brief description of how training will be designed to meet actual job
 265 tasks in accordance with requirements in 35 Ill. Adm. Code 724.116(a)(3);
 266
 267 m) A copy of the closure plan and, where applicable, the post-closure plan required
 268 by 35 Ill. Adm. Code 724.212, 724.218, and 724.297. Include, where applicable,
 269 as part of the plans, specific requirements in 35 Ill. Adm. Code 724.278, 724.297,
 270 724.328, 724.358, 724.380, 724.410, 724.451, 724.701, and 724.703;
 271
 272 n) For hazardous waste disposal units that have been closed, documentation that
 273 notices required under 35 Ill. Adm. Code 724.219 have been filed;
 274
 275 o) The most recent closure cost estimate for the facility, prepared in accordance with
 276 35 Ill. Adm. Code 724.242, and a copy of the documentation required to
 277 demonstrate financial assurance under 35 Ill. Adm. Code 724.243. For a new
 278 facility, a copy of the required documentation may be submitted 60 days prior to
 279 the initial receipt of hazardous wastes, if it is later than the submission of the Part
 280 B permit application;
 281
 282 p) Where applicable, the most recent post-closure cost estimate for the facility,
 283 prepared in accordance with 35 Ill. Adm. Code 724.244, plus a copy of the
 284 documentation required to demonstrate financial assurance under 35 Ill. Adm.
 285 Code 724.245. For a new facility, a copy of the required documentation may be
 286 submitted 60 days prior to the initial receipt of hazardous wastes, if it is later than
 287 the submission of the Part B permit application;
 288
 289 q) Where applicable, a copy of the insurance policy or other documentation that
 290 comprises compliance with the requirements of 35 Ill. Adm. Code 724.247. For a
 291 new facility, documentation showing the amount of insurance meeting the
 292 specification of 35 Ill. Adm. Code 724.247(a) and, if applicable, 35 Ill. Adm.
 293 Code 724.247(b) that the owner or operator plans to have in effect before initial
 294 receipt of hazardous waste for treatment, storage, or disposal. A request for an
 295 alternative level of required coverage for a new or existing facility may be
 296 submitted as specified in 35 Ill. Adm. Code 724.247(c);
 297
 298 r) This subsection corresponds with 40 CFR 270.14(b)(18), pertaining to state
 299 financial mechanisms that do not apply in Illinois. This statement maintains
 300 structural parity with the federal regulations;
 301

- 302 s) A topographic map showing 305 meters (1,000~~a distance of 1000~~ feet) around the
 303 facility at a scale of 2.5 centimeters (1 inch) equal to not more than 61.0 meters
 304 (200 feet). Contours must be shown on the map. The contour interval must be
 305 sufficient to clearly show the pattern of surface water flow near~~in the vicinity of~~
 306 and from each operational unit of the facility. For example, contours with an
 307 interval of 1.5 meters (5 feet), if relief is greater than 6.1 meters (20 feet), or an
 308 interval of 0.6 meters (2 feet), if relief is less than 6.1 meters (20 feet). An owner
 309 or operator of an HWM facility located in a mountainous area must use larger
 310 contour intervals to adequately show topographic profiles of facilities. The map
 311 must clearly show the following:
 312
- 313 1) Map scale and date;
 - 314 2) 100-year floodplain area;
 - 315 3) Surface waters including intermittent streams;
 - 316 4) Surrounding land uses (e.g., residential, commercial, agricultural,
 317 recreational, etc.);
 - 318 5) A wind rose (i.e., prevailing windspeed and direction);
 - 319 6) Orientation of the map (north arrow);
 - 320 7) Legal boundaries of the HWM facility site;
 - 321 8) Access control (e.g., fences, gates, etc.);
 - 322 9) Injection and withdrawal wells both on-site and off-site;
 - 323 10) Buildings; treatment, storage, or disposal operations; or other structures
 324 (e.g., recreation areas, run-off~~runoff~~ control systems, access and internal
 325 roads, storm, sanitary and process sewage systems, loading and unloading
 326 areas, fire control facilities, etc.);
 - 327 11) Barriers for drainage or flood control; and
 - 328 12) Location of operational units within the HWM facility site, where
 329 hazardous waste is (or will be) treated, stored, or disposed of (include
 330 equipment cleanup areas);
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343 BOARD NOTE: For large HWM facilities, the Agency must allow the use of
 344 other scales on a case-by-case basis.

- 345
- 346 t) Applicants must submit such information as the Agency determines is necessary
- 347 for it to determine whether to issue a permit and what conditions to impose in any
- 348 permit issued;
- 349
- 350 u) For land disposal facilities, if a case-by-case extension has been approved under
- 351 35 Ill. Adm. Code 728.105 or if a petition has been approved under 35 Ill. Adm.
- 352 Code 728.106, a copy of the notice of approval of the extension or of approval of
- 353 the petition is required; and
- 354
- 355 v) A summary of the pre-application meeting, along with a list of attendees and their
- 356 addresses, and copies of any written comments or materials submitted at the
- 357 meeting, as required under 35 Ill. Adm. Code 703.191(c).
- 358

359 BOARD NOTE: Derived from 40 CFR 270.14(b)-(2012).

360 (Source: Amended at 43 Ill. Reg. _____, effective _____)

361

362

363 SUBPART J: RCRA STANDARDIZED PERMITS

364 FOR STORAGE AND TREATMENT UNITS

365

366 **Section 703.352 Information That Must Be Kept at the Facility**

367

- 368 a) General Types of Information to Be Maintained at the Facility. The facility
- 369 owner or operator must keep the following information at its facility:
- 370
- 371 1) A general description of the facility;
- 372
- 373 2) Results of chemical and physical analyses of the hazardous waste and
- 374 hazardous debris handled at the facility. At a minimum, these results of
- 375 analyses must contain all the information that the owner or operator must
- 376 know to treat or store the wastes properly pursuant to 35 Ill. Adm. Code
- 377 727;
- 378
- 379 3) A copy of the waste analysis plan required by 35 Ill. Adm. Code
- 380 727.110(d)(2);
- 381
- 382 4) A description of the security procedures and equipment required by 35 Ill.
- 383 Adm. Code 727.110(e);
- 384
- 385 5) A copy of the general inspection schedule required by 35 Ill. Adm. Code
- 386 727.110(f)(2). The owner or operator must include in the inspection

- 387 schedule applicable requirements of 35 Ill. Adm. Code 724.933, 724.952,
 388 724.953, 724.958, 724.988, 727.270(e), and 727.290(d) and (f);
 389
 390 6) A justification of any modification of the preparedness and prevention
 391 requirements of 35 Ill. Adm. Code 727.130(a) through (f);
 392
 393 7) A copy of the contingency plan required by 35 Ill. Adm. Code 727.150;
 394
 395 8) A description of procedures, structures, or equipment used at the facility to
 396 accomplish each of the following:
 397
 398 A) Prevent hazards in unloading operations (for example, use ramps,
 399 special forklifts);
 400
 401 B) Prevent ~~run-off~~ runoff from hazardous waste handling areas to
 402 other areas of the facility or environment, or to prevent flooding
 403 (for example, with berms, dikes, trenches, etc.);
 404
 405 C) Prevent contamination of water supplies;
 406
 407 D) Mitigate effects of equipment failure and power outages;
 408
 409 E) Prevent undue exposure of personnel to hazardous waste (for
 410 example, requiring protective clothing); and
 411
 412 F) Prevent releases to atmosphere;
 413
 414 9) A description of precautions to prevent accidental ignition or reaction of
 415 ignitable, reactive, or incompatible wastes as required by 35 Ill. Adm.
 416 Code 727.110(h);
 417
 418 10) The traffic pattern, estimated volume (number, types of vehicles) and
 419 control (for example, show turns across traffic lanes, and stacking lanes;
 420 describe access road surfacing and load bearing capacity; show traffic
 421 control signals, etc.);
 422
 423 11) This subsection (a)(11) corresponds with 40 CFR 270.290(k), which
 424 USEPA has marked "Reserved". This statement maintains structural
 425 consistency with the corresponding federal rules;
 426
 427 12) An outline of both the introductory and continuing training programs that
 428 the owner or operator will use to prepare employees to operate or maintain
 429 its facility safely as required by 35 Ill. Adm. Code 727.110(g). A brief

- 430 description of how training will be designed to meet actual job tasks
 431 pursuant to 35 Ill. Adm. Code 727.110(g)(1)(B) requirements;
 432
- 433 13) A copy of the closure plan required by 35 Ill. Adm. Code 727.210(c).
 434 Include, where applicable, as part of the plans, specific requirements in 35
 435 Ill. Adm. Code 727.270(g), 727.290(l), and 727.900(i);
 436
- 437 14) This subsection (a)(14) corresponds with 40 CFR 270.290(n), which
 438 USEPA has marked "Reserved". This statement maintains structural
 439 consistency with the corresponding federal rules;
 440
- 441 15) The most recent closure cost estimate for the facility prepared pursuant to
 442 35 Ill. Adm. Code 727.240(c) and a copy of the documentation required to
 443 demonstrate financial assurance pursuant to 35 Ill. Adm. Code 727.240(d).
 444 For a new facility, the owner or operator may gather the required
 445 documentation 60 days before the initial receipt of hazardous wastes;
 446
- 447 16) This subsection (a)(16) corresponds with 40 CFR 270.290(p), which
 448 USEPA has marked "Reserved". This statement maintains structural
 449 consistency with the corresponding federal rules;
 450
- 451 17) Where applicable, a copy of the insurance policy or other documentation
 452 that complies with the liability requirements of 35 Ill. Adm. Code
 453 727.240(h). For a new facility, documentation showing the amount of
 454 insurance meeting the specification of 35 Ill. Adm. Code 727.240(h)(1)
 455 that the owner or operator plans to have in effect before initial receipt of
 456 hazardous waste for treatment or storage;
 457
- 458 18) Where appropriate, proof of coverage by a State financial mechanism, as
 459 required by 35 Ill. Adm. Code 727.240(j) or 727.240(k);
 460
- 461 19) A topographic map showing 305 meters (~~a distance of~~ 1,000 feet around
 462 the facility at a scale of 2.5 centimeters (1 inch) equal to not more than
 463 61.0 meters (200 feet). The map must show elevation contours. The
 464 contour interval must show the pattern of surface water flow near ~~in the~~
 465 ~~vicinity of~~ and from each operational unit of the facility. For example,
 466 contours with an interval of 1.5 meters (5 feet), if relief is greater than 6.1
 467 meters (20 feet), or an interval of 0.6 meters (2 feet), if relief is less than
 468 6.1 meters (20 feet). If the facility is in a mountainous area, the owner or
 469 operator should use large contour intervals to adequately show
 470 topographic profiles of the facility. The map must clearly show each of
 471 the following:
 472

- 473 A) The map scale and date;
- 474
- 475 B) Any 100-year flood plain area;
- 476
- 477 C) All surface waters including intermittent streams;
- 478
- 479 D) The surrounding land uses (residential, commercial, agricultural,
- 480 recreational, etc.);
- 481
- 482 E) A wind rose (i.e., prevailing windspeed and direction);
- 483
- 484 F) The orientation of the map (north arrow);
- 485
- 486 G) Legal boundaries of the facility site;
- 487
- 488 H) Facility access control (fences, gates);
- 489
- 490 I) All injection and withdrawal wells both on-site and off-site;
- 491
- 492 J) All buildings; treatment, storage, or disposal operations; and other
- 493 structures (recreation areas, ~~run-off~~runoff control systems, access
- 494 and internal roads, storm, sanitary, and process sewerage systems,
- 495 loading and unloading areas, fire control facilities, etc.);
- 496
- 497 K) Barriers for drainage or flood control; and
- 498
- 499 L) The location of operational units within the facility where
- 500 hazardous waste is (or will be) treated or stored (including
- 501 equipment cleanup areas).
- 502

503 BOARD NOTE: Subsection (a) is derived from 40 CFR 270.290-~~(2017)~~.

- 504
- 505 b) Container Information to Be Maintained at the Facility. If the facility owner or
- 506 operator stores or treats hazardous waste in containers, it must keep the following
- 507 information at its facility:
- 508
- 509 1) A description of the containment system to demonstrate compliance with
- 510 the container storage area provisions of 35 Ill. Adm. Code 727.270(d).
- 511 This description must show the following information:
- 512
- 513 A) The basic design parameters, dimensions, and materials of
- 514 construction;
- 515

- 516 B) How the design promotes drainage or how containers are kept from
517 contact with standing liquids in the containment system;
518
519 C) The capacity of the containment system relative to the number and
520 volume of containers to be stored;
521
522 D) The provisions for preventing or managing run-on; and
523
524 E) How accumulated liquids can be analyzed and removed to prevent
525 overflow;
526
527 2) For storage areas that store containers holding wastes that do not contain
528 free liquids, a demonstration of compliance with 35 Ill. Adm. Code
529 727.270(d)(3), including the following:
530
531 A) Test procedures and results or other documentation or information
532 to show that the wastes do not contain free liquids; and
533
534 B) A description of how the storage area is designed or operated to
535 drain and remove liquids or how containers are kept from contact
536 with standing liquids;
537
538 3) Sketches, drawings, or data demonstrating compliance with 35 Ill. Adm.
539 Code 727.270(e) (location of buffer zone (15m or 50ft) and containers
540 holding ignitable or reactive wastes) and 35 Ill. Adm. Code 727.270(f)(3)
541 (location of incompatible wastes in relation to each other), where
542 applicable;
543
544 4) Where incompatible wastes are stored or otherwise managed in containers,
545 a description of the procedures used to ensure compliance with 35 Ill.
546 Adm. Code 727.270(f)(1) and (f)(2), and 35 Ill. Adm. Code 727.110(h)(2)
547 and (h)(3); and
548
549 5) Information on air emission control equipment as required by Section
550 703.352(e).
551

552 BOARD NOTE: Subsection (b) is derived from 40 CFR 270.300-~~(2017)~~.
553

- 554 c) Tank Information to Be Maintained at the Facility. If the facility owner or
555 operator uses tanks to store or treat hazardous waste, it must keep the following
556 information at its facility:
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- 1) A written assessment that is reviewed and certified by an independent, qualified, registered professional engineer on the structural integrity and suitability for handling hazardous waste of each tank system, as required pursuant to 35 Ill. Adm. Code 727.290(b) and (c);
 - 2) The dimensions and capacity of each tank;
 - 3) A description of feed systems, safety cutoff, bypass systems, and pressure controls (e.g., vents);
 - 4) A diagram of piping, instrumentation, and process flow for each tank system;
 - 5) A description of materials and equipment used to provide external corrosion protection, as required pursuant to 35 Ill. Adm. Code 727.290(b);
 - 6) For new tank systems, a detailed description of how the tank systems will be installed in compliance with 35 Ill. Adm. Code 727.290(c) and (e);
 - 7) Detailed plans and description of how the secondary containment system for each tank system is or will be designed, constructed, and operated to meet the requirements of 35 Ill. Adm. Code 727.290(f) and (g);
 - 8) This subsection (c)(8) corresponds with 40 CFR 270.305(h), which USEPA has marked "Reserved". This statement maintains structural consistency with the corresponding federal rules;
 - 9) A description of controls and practices to prevent spills and overflows, as required pursuant to 35 Ill. Adm. Code 727.290(i);
 - 10) For tank systems in which ignitable, reactive, or incompatible wastes are to be stored or treated, a description of how operating procedures and tank system and facility design will achieve compliance with 35 Ill. Adm. Code 727.290(m) and (n); and
 - 11) Information on air emission control equipment, as required by Section 703.352(e).

597 BOARD NOTE: Subsection (c) is derived from 40 CFR 270.305-(2017).
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- d) Equipment Information to Be Maintained at the Facility. If the facility has equipment to which Subpart BB of 35 Ill. Adm. Code 724 applies, the facility owner or operator must keep the following information at its facility:
- 1) For each piece of equipment to which Subpart BB of 35 Ill. Adm. Code 724 applies, the following:
 - A) The equipment identification number and hazardous waste management unit identification;
 - B) The approximate locations within the facility (e.g., identify the hazardous waste management unit on a facility plot plan);
 - C) The type of equipment (e.g., a pump or a pipeline valve);
 - D) The percent by weight of total organics in the hazardous waste stream at the equipment;
 - E) The phase of the hazardous waste at the equipment (e.g., gas or vapor or liquid); and
 - F) The method of compliance with the standard (e.g., monthly leak detection and repair, or equipped with dual mechanical seals);
 - 2) For a facility that cannot install a closed-vent system and control device to comply with Subpart BB of 35 Ill. Adm. Code 724 on the effective date that the facility becomes subject to the Subpart BB provisions, an implementation schedule as specified in 35 Ill. Adm. Code 724.933(a)(2);
 - 3) Documentation that demonstrates compliance with the equipment standards in 35 Ill. Adm. Code 724.952 and 724.959. This documentation must contain the records required pursuant to 35 Ill. Adm. Code 724.964; and
 - 4) Documentation to demonstrate compliance with 35 Ill. Adm. Code 724.960, which must include the following information:
 - A) A list of all information references and sources used in preparing the documentation;
 - B) Records, including the dates, of each compliance test required by 35 Ill. Adm. Code 724.933(j);

- 642 C) A design analysis, specifications, drawings, schematics, and piping
643 and instrumentation diagrams based on the appropriate sections of
644 "APTI Course 415: Control of Gaseous Emissions", USEPA
645 publication number EPA-450/2-81-005, incorporated by reference
646 in 35 Ill. Adm. Code 720.111(a) or other engineering texts
647 acceptable to the Agency that present basic control device design
648 information. The design analysis must address the vent stream
649 characteristics and control device operation parameters, as
650 specified in 35 Ill. Adm. Code 724.935(b)(4)(iii);
651
- 652 D) A statement signed and dated by the facility owner or operator that
653 certifies that the operating parameters used in the design analysis
654 reasonably represent the conditions that exist when the hazardous
655 waste management unit is operating at the highest load or capacity
656 level reasonable expected to occur; and
657
- 658 E) A statement signed and dated by the facility owner or operator that
659 certifies that the control device is designed to operate at an
660 efficiency of 95 weight percent or greater.
661

662 BOARD NOTE: Subsection (d) is derived from 40 CFR 270.310-~~(2017)~~.
663

- 664 e) Air Emissions Control Information to Be Maintained at the Facility. If the facility
665 owner or operator has air emission control equipment subject to Subpart CC of 35
666 Ill. Adm. Code 724, it must keep the following information at its facility:
667
- 668 1) Documentation for each floating roof cover installed on a tank subject to
669 35 Ill. Adm. Code 724.984(d)(1) or (d)(2) that includes information that
670 the owner or operator prepared or the cover manufacturer or vendor
671 provided describing the cover design, and the owner's or operator's
672 certification that the cover meets applicable design specifications listed in
673 35 Ill. Adm. Code 724.984(e)(1) or (f)(1);
674
- 675 2) Identification of each container area subject to Subpart CC of 35 Ill. Adm.
676 Code 724 and the owner's or operator's certification that the requirements
677 of this Subpart J are met;
678
- 679 3) Documentation for each enclosure used to control air pollutant emissions
680 from tanks or containers pursuant to requirements of 35 Ill. Adm. Code
681 724.984(d)(5) or 724.986(e)(1)(B). The owner or operator must include
682 records for the most recent set of calculations and measurements that it
683 performed to verify that the enclosure meets the criteria of a permanent
684 total enclosure as specified in appendix B to 40 CFR 52.741 (Procedure T

- 685 – Criteria for and Verification of a Permanent or Temporary Total
686 Enclosure), incorporated by reference in 35 Ill. Adm. Code 720.111(b);
687
688 4) This subsection (e)(4) corresponds with 40 CFR 270.315(d), which
689 USEPA has marked "Reserved". This statement maintains structural
690 consistency with the corresponding federal rules;
691
692 5) Documentation for each closed-vent system and control device installed
693 pursuant to 35 Ill. Adm. Code 724.987 that includes design and
694 performance information, as specified in Section 703.210(c) and (d); and
695
696 6) An emission monitoring plan for both Method 21 in appendix A to 40
697 CFR 60 (Determination of Volatile Organic Compound Leaks),
698 incorporated by reference in 35 Ill. Adm. Code 720.111(b), and control
699 device monitoring methods. This plan must include the following
700 information: monitoring points, monitoring methods for control devices,
701 monitoring frequency, procedures for documenting exceedances, and
702 procedures for mitigating noncompliances.
703

704 BOARD NOTE: Subsection (e) is derived from 40 CFR 270.315-(2017).

705 (Source: Amended at 43 Ill. Reg. _____, effective _____)
706
707

708 **Section 703.APPENDIX A Classification of Permit Modifications**

709

Class Modifications

A. General Permit Provisions

- 1 1. Administrative and informational changes.
- 1 2. Correction of typographical errors.
- 1 3. Equipment replacement or upgrading with functionally equivalent components (e.g., pipes, valves, pumps, conveyors, controls).
- 4. Changes in the frequency of or procedures for monitoring, reporting, sampling, or maintenance activities by the permittee:
 - 1 a. To provide for more frequent monitoring, reporting, or maintenance.
 - 2 b. Other changes.
- 5. Schedule of compliance:
 - 1* a. Changes in interim compliance dates, with prior approval of the Agency.
 - 3 b. Extension of final compliance date.
- 1* 6. Changes in expiration date of permit to allow earlier permit termination, with prior approval of the Agency.
- 1* 7. Changes in ownership or operational control of a facility, provided the procedures of Section 703.260(b) are followed.
- 1* 8. Changes to remove permit conditions that are no longer applicable (i.e., because the standards upon which they are based are no longer applicable to the facility).
- 1* 9. Changes to remove permit conditions applicable to a unit excluded pursuant to the provisions of 35 Ill. Adm. Code 721.104.
- 1* 10. Changes in the expiration date of a permit issued to a facility at which all units are excluded pursuant to the provisions of 35 Ill. Adm. Code 721.104.

B. General Facility Standards

1. Changes to waste sampling or analysis methods:

- 1 a. To conform with Agency guidance or Board regulations.
- 1* b. To incorporate changes associated with F039 (multi-source leachate) sampling or analysis methods.
- 1* c. To incorporate changes associated with underlying hazardous constituents in ignitable or corrosive wastes.
- 2 d. Other changes.

2. Changes to analytical quality assurance or quality control plan:

- 1 a. To conform with agency guidance or regulations.
- 2 b. Other changes.

3. Changes in procedures for maintaining the operating record.

4. Changes in frequency or content of inspection schedules.

5. Changes in the training plan:

- 2 a. That affect the type or decrease the amount of training given to employees.
- 1 b. Other changes.

6. Contingency plan:

- 2 a. Changes in emergency procedures (i.e., spill or release response procedures).
- 1 b. Replacement with functionally equivalent equipment, upgrade, or relocate emergency equipment listed.
- 2 c. Removal of equipment from emergency equipment list.
- 1 d. Changes in name, address, or phone number of coordinators or

other persons or agencies identified in the plan.

Note: When a permit modification (such as introduction of a new unit) requires a change in facility plans or other general facility standards, that change must be reviewed under the same procedures as the permit modification.

7. CQA plan:

- 1 a. Changes that the CQA officer certifies in the operating record will provide equivalent or better certainty that the unit components meet the design specifications.
- 2 b. Other changes.

Note: When a permit modification (such as introduction of a new unit) requires a change in facility plans or other general facility standards, that change must be reviewed under the same procedures as a permit modification.

C. Groundwater Protection

1. Changes to wells:

- 2 a. Changes in the number, location, depth, or design of upgradient or downgradient wells of permitted groundwater monitoring system.
- 1 b. Replacement of an existing well that has been damaged or rendered inoperable, without change to location, design, or depth of the well.
- 1* 2. Changes in groundwater sampling or analysis procedures or monitoring schedule, with prior approval of the Agency.
- 1* 3. Changes in statistical procedure for determining whether a statistically significant change in groundwater quality between upgradient and downgradient wells has occurred, with prior approval of the Agency.
- 2 4. Changes in point of compliance.
- 5. Changes in indicator parameters, hazardous constituents, or concentration limits (including ACLs (Alternate Concentration Limits)):

- 3 a. As specified in the groundwater protection standard.
- 2 b. As specified in the detection monitoring program.
- 2 6. Changes to a detection monitoring program as required by 35 Ill. Adm. Code 724.198(h), unless otherwise specified in this Appendix.
- 7. Compliance monitoring program:
 - 3 a. Addition of compliance monitoring program as required by 35 Ill. Adm. Code 724.198(g)(4) and 724.199.
 - 2 b. Changes to a compliance monitoring program as required by 35 Ill. Adm. Code 724.199(j), unless otherwise specified in this Appendix.
- 8. Corrective action program:
 - 3 a. Addition of a corrective action program as required by 35 Ill. Adm. Code 724.199(i)(2) and 724.200.
 - 2 b. Changes to a corrective action program as required by 35 Ill. Adm. Code 724.200(h), unless otherwise specified in this Appendix.

D. Closure

- 1. Changes to the closure plan:
 - 1* a. Changes in estimate of maximum extent of operations or maximum inventory of waste on-site at any time during the active life of the facility, with prior approval of the Agency.
 - 1* b. Changes in the closure schedule for any unit, changes in the final closure schedule for the facility or extension of the closure period, with prior approval of the Agency.
 - 1* c. Changes in the expected year of final closure, where other permit conditions are not changed, with prior approval of the Agency.
 - 1* d. Changes in procedures for decontamination of facility equipment or structures, with prior approval of the Agency.

- 2 e. Changes in approved closure plan resulting from unexpected events occurring during partial or final closure, unless otherwise specified in this Appendix.
- 2 f. Extension of the closure period to allow a landfill, surface impoundment, or land treatment unit to receive non-hazardous wastes after final receipt of hazardous wastes under 35 Ill. Adm. Code 724.213(d) or (e).
- 3 2. Creation of a new landfill unit as part of closure.
- 3 3. Addition of the following new units to be used temporarily for closure activities:
 - 3 a. Surface impoundments.
 - 3 b. Incinerators.
 - 3 c. Waste piles that do not comply with 35 Ill. Adm. Code 724.350(c).
 - 2 d. Waste piles that comply with 35 Ill. Adm. Code 724.350(c).
 - 2 e. Tanks or containers (other than specified in paragraph D(3)(f) below).
 - 1* f. Tanks used for neutralization, dewatering, phase separation, or component separation, with prior approval of the Agency.
 - 2 g. Staging piles.

E. Post-Closure

- 1 1. Changes in name, address, or phone number of the contact in the post-closure plan.
- 2 2. Extension of post-closure care period.
- 3 3. Reduction in the post-closure care period.
- 1 4. Changes to the expected year of final closure, where other permit conditions are not changed.

- 2 5. Changes in post-closure plan necessitated by events occurring during
the active life of the facility, including partial and final closure.

F. Containers

1. Modification or addition of container units:
- 3 a. Resulting in greater than 25 percent increase in the facility's
container storage capacity, except as provided in F(1)(c) and
F(4)(a).
- 2 b. Resulting in up to 25 percent increase in the facility's container
storage capacity, except as provided in F(1)(c) and F(4)(a).
- 1 c. Modification or addition of container units or treatment processes
necessary to treat wastes that are restricted from land disposal to
meet some or all of the applicable treatment standards, with prior
approval of the Agency. This modification may also involve the
addition of new USEPA hazardous waste numbers or narrative
description of wastes. It is not applicable to dioxin-containing
wastes (F020, F021, F022, F023, F026, F027, and F028).
2. Modification of container units without an increased capacity or
alteration of the system:
- 2 a. Modification of a container unit without increasing the capacity
of the unit.
- 1 b. Addition of a roof to a container unit without alteration of the
containment system.
3. Storage of different wastes in containers, except as provided in F(4):
- 3 a. That require additional or different management practices from
those authorized in the permit.
- 2 b. That do not require additional or different management practices
from those authorized in the permit.

Note: See Section 703.280(g) for modification procedures to be
used for the management of newly listed or identified wastes.

4. Storage or treatment of different wastes in containers:

- 2* a. That require addition of units or change in treatment process or management standards, provided that the wastes are restricted from land disposal and are to be treated to meet some or all of the applicable treatment standards. It is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).
- 1* b. That do not require the addition of units or a change in the treatment process or management standards, and provided that the units have previously received wastes of the same type (e.g., incinerator scrubber water). This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).

G. Tanks

1. Modification of a tank unit, secondary containment system, or treatment process that increases tank capacity, adds a new tank, or alters treatment, specified as follows:

- 3 a. Modification or addition of tank units resulting in greater than 25 percent increase in the facility's tank capacity, except as provided in paragraphs G(1)(c), G(1)(d), and G(1)(e).
- 2 b. Modification or addition of tank units resulting in up to 25 percent increase in the facility's tank capacity, except as provided in paragraphs G(1)(d) and G(1)(e).
- 2 c. Addition of a new tank that will operate for more than 90 days using any of the following physical or chemical treatment technologies: neutralization, dewatering, phase separation, or component separation.
- 1* d. After prior approval of the Agency, addition of a new tank that will operate for up to 90 days using any of the following physical or chemical treatment technologies: neutralization, dewatering, phase separation, or component separation.
- 1* e. Modification or addition of tank units or treatment processes that are necessary to treat wastes that are restricted from land disposal to meet some or all of the applicable treatment standards, with

prior approval of the Agency. This modification may also involve the addition of new USEPA hazardous waste numbers. It is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).

- 2 2. Modification of a tank unit or secondary containment system without increasing the capacity of the unit.
- 1 3. Replacement of a tank with a tank that meets the same design standards and has a capacity within ± 10 percent of the replaced tank provided:
 - a. The capacity difference is no more than 1500 gallons (5680 ℓ),
 - b. The facility's permitted tank capacity is not increased, and
 - c. The replacement tank meets the same conditions in the permit.
- 2 4. Modification of a tank management practice.
- 2 5. Management of different wastes in tanks:
 - 3 a. That require additional or different management practices, tank design, different fire protection specifications or significantly different tank treatment process from that authorized in the permit, except as provided in paragraph G(5)(c).
 - 2 b. That do not require additional or different management practices or tank design, different fire protection specification, or significantly different tank treatment process than authorized in the permit, except as provided in paragraph G(5)(d).

Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.

 - 1* c. That require addition of units or change in treatment processes or management standards, provided that the wastes are restricted from land disposal and are to be treated to meet some or all of the applicable treatment standards. The modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).
 - 1 d. That do not require the addition of units or a change in the treatment process or management standards, and provided that

the units have previously received wastes of the same type (e.g., incinerator scrubber water). This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).

Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.

H. Surface Impoundments

- 3 1. Modification or addition of surface impoundment units that result in increasing the facility's surface impoundment storage or treatment capacity.
- 3 2. Replacement of a surface impoundment unit.
- 2 3. Modification of a surface impoundment unit without increasing the facility's surface impoundment storage or treatment capacity and without modifying the unit's liner, leak detection system, or leachate collection system.
- 2 4. Modification of a surface impoundment management practice.
5. Treatment, storage, or disposal of different wastes in surface impoundments:
 - 3 a. That require additional or different management practices or different design of the liner or leak detection system than authorized in the permit.
 - 2 b. That do not require additional or different management practices or different design of the liner or leak detection system than authorized in the permit.

Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.

 - 1 c. That are wastes restricted from land disposal that meet the applicable treatment standards. This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).
 - 1 d. That are residues from wastewater treatment or incineration,

provided the disposal occurs in a unit that meets the minimum technological requirements stated in 40 CFR 268.5(h)(2) (Procedures for Case-by-Case Extensions to an Effective Date), incorporated by reference in 35 Ill. Adm. Code 720.111(b), and provided further that the surface impoundment has previously received wastes of the same type (for example, incinerator scrubber water). This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).

- 1* 6. Modifications of unconstructed units to comply with 35 Ill. Adm. Code 724.321(c), 724.322, 724.323, and 724.326(d).
- 7. Changes in response action plan:
 - 3 a. Increase in action leakage rate.
 - 3 b. Change in a specific response reducing its frequency or effectiveness.
 - 2 c. Other changes.

Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.

- I. Enclosed Waste Piles. For all waste piles, except those complying with 35 Ill. Adm. Code 724.350(c), modifications are treated the same as for a landfill. The following modifications are applicable only to waste piles complying with 35 Ill. Adm. Code 724.350(c).
 - 1. Modification or addition of waste pile units:
 - 3 a. Resulting in greater than 25 percent increase in the facility's waste pile storage or treatment capacity.
 - 2 b. Resulting in up to 25 percent increase in the facility's waste pile storage or treatment capacity.
 - 2. Modification of waste pile unit without increasing the capacity of the unit.
 - 1 3. Replacement of a waste pile unit with another waste pile unit of the same design and capacity and meeting all waste pile conditions in the

permit.

- 2 4. Modification of a waste pile management practice.
- 5. Storage or treatment of different wastes in waste piles:
 - 3 a. That require additional or different management practices or
different design of the unit.
 - 2 b. That do not require additional or different management practices
or different design of the unit.
Note: See Section 703.280(g) for modification procedures to be
used for the management of newly listed or identified wastes.
- 2 6. Conversion of an enclosed waste pile to a containment building unit.
Note: See Section 703.280(g) for modification procedures to be used
for the management of newly listed or identified wastes.

J. Landfills and Unenclosed Waste Piles

- 3 1. Modification or addition of landfill units that result in increasing the
facility's disposal capacity.
- 3 2. Replacement of a landfill.
- 3 3. Addition or modification of a liner, leachate collection system,
leachate detection system, ~~run-off~~runoff control, or final cover system.
- 2 4. Modification of a landfill unit without changing a liner, leachate
collection system, leachate detection system, ~~run-off~~runoff control, or
final cover system.
- 2 5. Modification of a landfill management practice.
- 6. Landfill different wastes:
 - 3 a. That require additional or different management practices,
different design of the liner, leachate collection system, or leachate
detection system.

- 2 b. That do not require additional or different management practices, different design of the liner, leachate collection system, or leachate detection system.

Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.

- 1 c. That are wastes restricted from land disposal that meet the applicable treatment standards. This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).

- 1 d. That are residues from wastewater treatment or incineration, provided the disposal occurs in a landfill unit that meets the minimum technological requirements stated in 40 CFR 268.5(h)(2) (Procedures for Case-by-Case Extensions to an Effective Date), incorporated by reference in 35 Ill. Adm. Code 720.111(b), and provided further that the landfill has previously received wastes of the same type (for example, incinerator ash). This modification is not applicable to dioxin-containing wastes (F020, F021, F022, F023, F026, F027, and F028).

- 1* 7. Modification of unconstructed units to comply with 35 Ill. Adm. Code 724.351(c), 724.352, 724.353, 724.354(c), 724.401(c), 724.402, 724.403(c), and 724.404.

8. Changes in response action plan:

- 3 a. Increase in action leakage rate.
- 3 b. Change in a specific response reducing its frequency or effectiveness.
- 2 c. Other changes.

Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.

K. Land Treatment

- 3 1. Lateral expansion of or other modification of a land treatment unit to increase area extent.
- 2 2. Modification of run-on~~run~~ control system.

- 3 3. Modify ~~run-off~~runoff control system.
- 2 4. Other modification of land treatment unit component specifications or standards required in permit.
5. Management of different wastes in land treatment units:
 - 3 a. That require a change in permit operating conditions or unit design specifications.
 - 2 b. That do not require a change in permit operating conditions or unit design specifications.

Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.
6. Modification of a land treatment unit management practice to:
 - 3 a. Increase rate or change method of waste application.
 - 1 b. Decrease rate of waste application.
- 2 7. Modification of a land treatment unit management practice to change measures of pH or moisture content or to enhance microbial or chemical reactions.
- 3 8. Modification of a land treatment unit management practice to grow food chain crops, to add to or replace existing permitted crops with different food chain crops or to modify operating plans for distribution of animal feeds resulting from such crops.
- 3 9. Modification of operating practice due to detection of releases from the land treatment unit pursuant to 35 Ill. Adm. Code 724.378(g)(2).
- 3 10. Changes in the unsaturated zone monitoring system that result in a change to the location, depth, or number of sampling points or which replace unsaturated zone monitoring devices or components of devices with devices or components that have specifications different from permit requirements.
- 2 11. Changes in the unsaturated zone monitoring system that do not result in a change to the location, depth, or number of sampling points or

which replace unsaturated zone monitoring devices or components of devices with devices or components having specifications different from permit requirements.

- 2 12. Changes in background values for hazardous constituents in soil and soil-pore liquid.
- 2 13. Changes in sampling, analysis, or statistical procedure.
- 2 14. Changes in land treatment demonstration program prior to or during the demonstration.
- 1* 15. Changes in any condition specified in the permit for a land treatment unit to reflect results of the land treatment demonstration, provided performance standards are met, and the Agency's prior approval has been received.
- 1* 16. Changes to allow a second land treatment demonstration to be conducted when the results of the first demonstration have not shown the conditions under which the wastes can be treated completely, provided the conditions for the second demonstration are substantially the same as the conditions for the first demonstration and have received the prior approval of the Agency.
- 3 17. Changes to allow a second land treatment demonstration to be conducted when the results of the first demonstration have not shown the conditions under which the wastes can be treated completely, where the conditions for the second demonstration are not substantially the same as the conditions for the first demonstration.
- 2 18. Changes in vegetative cover requirements for closure.

L. Incinerators, Boilers and Industrial Furnaces

- 3 1. Changes to increase by more than 25 percent any of the following limits authorized in the permit: A thermal feed rate limit, a feedstream feed rate limit, a chlorine/chloride feed rate limit, a metal feed rate limit, or an ash feed rate limit. The Agency must require a new trial burn to substantiate compliance with the regulatory performance standards unless this demonstration can be made through other means.
- 2 2. Changes to increase by up to 25 percent any of the following limits authorized in the permit: A thermal feed rate limit, a feedstream feed

rate limit, a chlorine/chloride feed rate limit, a metal feed rate limit, or an ash feed rate limit. The Agency must require a new trial burn to substantiate compliance with the regulatory performance standards unless this demonstration can be made through other means.

- 3 3. Modification of an incinerator, boiler, or industrial furnace unit by changing the internal size or geometry of the primary or secondary combustion units; by adding a primary or secondary combustion unit; by substantially changing the design of any component used to remove HCl/Cl₂, metals, or particulate from the combustion gases; or by changing other features of the incinerator, boiler, or industrial furnace that could affect its capability to meet the regulatory performance standards. The Agency must require a new trial burn to substantiate compliance with the regulatory performance standards, unless this demonstration can be made through other means.

- 2 4. Modification of an incinerator, boiler, or industrial furnace unit in a manner that will not likely affect the capability of the unit to meet the regulatory performance standards but which will change the operating conditions or monitoring requirements specified in the permit. The Agency may require a new trial burn to demonstrate compliance with the regulatory performance standards.

5. Operating requirements:
 - 3 a. Modification of the limits specified in the permit for minimum or maximum combustion gas temperature, minimum combustion gas residence time, oxygen concentration in the secondary combustion chamber, flue gas carbon monoxide or hydrocarbon concentration, maximum temperature at the inlet to the PM emission control system, or operating parameters for the air pollution control system. The Agency must require a new trial burn to substantiate compliance with the regulatory performance standards unless this demonstration can be made through other means.

 - 3 b. Modification of any stack gas emission limits specified in the permit, or modification of any conditions in the permit concerning emergency shutdown or automatic waste feed cutoff procedures or controls.

 - 2 c. Modification of any other operating condition or any inspection or recordkeeping requirement specified in the permit.

6. Burning different wastes:

- 3 a. If the waste contains a POHC that is more difficult to burn than authorized by the permit or if burning of the waste requires compliance with different regulatory performance standards than specified in the permit, the Agency must require a new trial burn to substantiate compliance with the regulatory performance standards, unless this demonstration can be made through other means.
- 2 b. If the waste does not contain a POHC that is more difficult to burn than authorized by the permit and if burning of the waste does not require compliance with different regulatory performance standards than specified in the permit.

Note: See Section 703.280(g) for modification procedures to be used for the management of newly listed or identified wastes.

7. Shakedown and trial burn:

- 2 a. Modification of the trial burn plan or any of the permit conditions applicable during the shakedown period for determining operational readiness after construction, the trial burn period or the period immediately following the trial burn.
- 1* b. Authorization of up to an additional 720 hours of waste burning during the shakedown period for determining operational readiness after construction, with the prior approval of the Agency.
- 1* c. Changes in the operating requirements set in the permit for conducting a trial burn, provided the change is minor and has received the prior approval of the Agency.
- 1* d. Changes in the ranges of the operating requirements set in the permit to reflect the results of the trial burn, provided the change is minor and has received the prior approval of the Agency.
- 1 8. Substitution of an alternative type of non-hazardous waste fuel that is not specified in the permit.
- 1* 9. Technology changes needed to meet standards under federal subpart EEE of 40 CFR 63 (National Emission Standards for Hazardous Air

Pollutants from Hazardous Waste Combustors), incorporated by reference in 35 Ill. Adm. Code 720.111(b), provided the procedures of Section 703.280(j) are followed.

- 1* 10. Changes to RCRA Permit provisions needed to support transition to federal subpart EEE of 40 CFR 63 (National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors), incorporated by reference in 35 Ill. Adm. Code 720.111(b), provided the procedures of Section 703.280(k) are followed.

M. Containment Buildings

1. Modification or addition of containment building units:
 - 3 a. Resulting in greater than 25 percent increase in the facility's containment building storage or treatment capacity.
 - 2 b. Resulting in up to 25 percent increase in the facility's containment building storage or treatment capacity.
- 2 2. Modification of a containment building unit or secondary containment system without increasing the capacity of the unit.
- 3 3. Replacement of a containment building with a containment building that meets the same design standards provided:
 - 1 a. The unit capacity is not increased.
 - 1 b. The replacement containment building meets the same conditions in the permit.
- 2 4. Modification of a containment building management practice.
- 5 5. Storage or treatment of different wastes in containment buildings:
 - 3 a. That require additional or different management practices.
 - 2 b. That do not require additional or different management practices.

N. Corrective Action

- 3 1. Approval of a corrective action management unit pursuant to 35 Ill. Adm. Code 724.652.

- 2 2. Approval of a temporary unit or time extension pursuant to 35 Ill. Adm. Code 724.653.

- 2 3. Approval of a staging pile or staging pile operating term extension pursuant to 35 Ill. Adm. Code 724.654.

Note: * indicates modifications requiring prior Agency approval.

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BOARD NOTE: Derived from appendix I to 40 CFR 270.42 (2017).

(Source: Amended at 43 Ill. Reg. _____, effective _____)