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## **TITLE 329 SOLID WASTE MANAGEMENT BOARD**

LSA Document #03-286(F)

### **DIGEST**

Amends 329 IAC 12-8-4, 329 IAC 12-8-5, and 329 IAC 12-9-2, concerning certification for solid waste facility operators, to place asbestos disposal certification for solid waste facility operators, which is currently under the authority of the air pollution control board, under the rules promulgated by the solid waste management board. Effective 30 days after filing with the secretary of state.

### **HISTORY**

First Notice of Comment Period: November 1, 2003, Indiana Register (27 IR 584).

Second Notice of Comment Period: April 1, 2004, Indiana Register (27 IR 2356).

Notice of First Hearing: April 1, 2004, Indiana Register (27 IR 2360).

Date of First Hearing: June 15, 2004.

Notice of Second Hearing and Proposed Rule: August 1, 2004, Indiana Register (27 IR 3696).

Final Adoption, SWMB, October 19, 2004.

**329 IAC 12-8-4**

**329 IAC 12-9-2**

**329 IAC 12-8-5**

SECTION 1. 329 IAC 12-8-4 IS AMENDED TO READ AS FOLLOWS:

#### **329 IAC 12-8-4 Examination requirements for Category II certification**

**Authority:** IC 13-14-8-1; IC 13-14-8-2; IC 13-14-8-7; IC 13-15-10-4; IC 13-19-3-1; IC 13-19-3-2

**Affected:** IC 13-15-10; IC 36-9-30

Sec. 4. (a) In order to qualify for accreditation as an accredited examination provider for Category II certification for operators of municipal and nonmunicipal solid waste disposal facilities, the written examination must meet the requirements of this section.

(b) The commissioner may approve an examination under the Category IV certification for a specific type of site. For operators of municipal and nonmunicipal solid waste disposal facilities, the examination for operator certification under Category IV must address any Category II topics in subsection (c) that are applicable to the type of site for which the examination has been developed.

(c) A Category II certification shall adequately address the following topics:

(1) Purpose of training course.

(2) An overview of municipal and nonmunicipal solid waste disposal facilities in integrated municipal solid waste management to address the following:

(A) Generation of municipal solid wastes.

(B) Physical and chemical composition of solid wastes.

(C) Municipal solid waste management.

(3) Basics of site selection.

(4) Complying with design requirements to the following:

(A) Specifications.

(B) Types of plans.

(C) Plan reading.

(D) Municipal and nonmunicipal solid waste facility landfill methods.

(5) Waste acceptance and screening to include the following:

(A) Wastes prohibited by state and federal law and regulations.

- (B) Commonly prohibited wastes.
- (C) Wastes requiring special handling.
- (D) Wastes prohibited by the facility permit.
- (E) Screening methods for prohibited wastes.
- (F) Record keeping and notification requirements.
- (G) Public information and education.
- (6) Waste decomposition to include the following:
  - (A) Fate of wastes.
  - (B) Effects of decomposition.
  - (C) Subsidence and differential settlement.
  - (D) Landfill gas generation and migration.
  - (E) Leachate generation, migration, and control.
- (7) Control processes for landfill gas and leachate to include the following:
  - (A) Landfill gas and leachate characteristics.
  - (B) Managing landfill gas.
  - (C) Protection of facilities built on landfills.
  - (D) Landfill gas recovery and use.
  - (E) Managing leachate.
- (8) Operational techniques shall adequately address the following:
  - (A) Design and operational plans.
  - (B) Operational practices.
  - (C) Cover systems.
  - (D) Operation of a lined facility.
  - (E) Operational problems.
  - (F) Site operation to minimize environmental and health problems.
- (9) Closure and long term care shall adequately address the following:
  - (A) Site closure.
  - (B) Closure considerations.
  - (C) Closure plan.
  - (D) Long term care and environmental monitoring.
  - (E) Landfill site end uses.
  - (F) Final cover design.
  - (G) Vegetation.
  - (H) Financing closure and post-closure care.
- (10) Disposal of regulated asbestos-containing material (RACM) to include the following:**
  - (A) Special handling requirements.**
  - (B) Disposal requirements.**
  - (C) Record keeping and notification requirements.**

*(Solid Waste Management Board; 329 IAC 12-8-4; filed Feb 3, 1997, 9:15 a.m.: 20 IR 1485; readopted filed Jan 10, 2001, 3:25 p.m.: 24 IR 1535; filed Jul 14, 2004, 9:15 a.m.: 27 IR 3977; filed Feb 14, 2005, 10:10 a.m.: 28 IR 2127)*

SECTION 2. 329 IAC 12-8-5 IS AMENDED TO READ AS FOLLOWS:

### **329 IAC 12-8-5 Examination requirements for Category III certification**

**Authority:** IC 13-14-8-1; IC 13-14-8-2; IC 13-14-8-7; IC 13-15-10-4; IC 13-19-3-1; IC 13-19-3-2

**Affected:** IC 13-15-10; IC 36-9-30

Sec. 5. (a) In order to qualify for accreditation as an accredited examination provider for Category III certification for operators of restricted waste sites and construction/demolition sites, the written examination must meet the requirements of this section.

(b) The commissioner may approve an examination under the Category IV certification for a specific type of site. For operators of restricted waste sites and construction/demolition sites, the examination for operator certification under Category IV must address any Category III topics in subsection (c) that are applicable to the type of site for which the examination has been developed.

(c) A Category III certification shall adequately address the following topics:

- (1) Purpose of training course.
- (2) The role of restricted waste and construction/demolition sites in waste management to address the following:
  - (A) Types of restricted wastes.
  - (B) Generation of restricted wastes.
  - (C) Physical and chemical composition of restricted wastes.
  - (D) Overview of restricted waste management.
- (3) Basics of site selection.
- (4) Complying with design requirements to the following:
  - (A) Specifications.
  - (B) Types of plans.
  - (C) Plan reading.
  - (D) Landfill methods.
- (5) Waste acceptance and screening to include the following:
  - (A) Wastes prohibited by state and federal law and regulations.
  - (B) Commonly prohibited wastes.
  - (C) Wastes requiring special handling.
  - (D) Screening methods for prohibited wastes.
  - (E) Record keeping and notification requirements.
  - (F) Public information and education.
- (6) Waste decomposition to include the following:
  - (A) Subsidence and differential settlement.
  - (B) Leachate generation, migration, and control.
- (7) Operational techniques shall adequately address the following:
  - (A) Design and operational plans.
  - (B) Operational practices.
  - (C) Cover systems.
  - (D) Operation of a lined facility.
  - (E) Operational problems.
  - (F) Site operation to minimize environmental and health problems.
- (8) Closure and long term care shall adequately address the following:
  - (A) Site closure.
  - (B) Closure considerations.
  - (C) Closure plan.
  - (D) Long term care and environmental monitoring.
  - (E) Landfill site end uses.
  - (F) Final cover design.
  - (G) Vegetation.
  - (H) Financing closure and post-closure care.
- (9) Disposal of regulated asbestos-containing material (RACM) to include the following:**
  - (A) Special handling requirements.**
  - (B) Disposal requirements.**
  - (C) Record keeping and notification requirements.**

*(Solid Waste Management Board; 329 IAC 12-8-5; filed Feb 3, 1997, 9:15 a.m.: 20 IR 1485; readopted filed Jan 10, 2001, 3:25 p.m.: 24 IR 1535; filed Feb 14, 2005, 10:10 a.m.: 28 IR 2128)*

SECTION 3. 329 IAC 12-9-2 IS AMENDED TO READ AS FOLLOWS:

**329 IAC 12-9-2 Accredited training course requirements for recertification**

**Authority:** IC 13-14-8-1; IC 13-14-8-2; IC 13-14-8-7; IC 13-15-10-4; IC 13-19-3-1; IC 13-19-3-2

**Affected:** IC 13-15-10; IC 36-9-30

Sec. 2. (a) Training courses shall be classified as follows:

- (1) Category I recertification training course for operators of solid waste incinerators and waste to energy facilities.
- (2) Category II recertification training course for operators of municipal and nonmunicipal solid waste land disposal facilities.
- (3) Category III recertification training course for operators of restricted waste sites and construction/demolition sites.

(4) Category IV recertification training course for a specific facility.

(b) The accredited training course must include, at a minimum, applicable topics relating to the appropriate category of solid waste facility operation as follows:

- (1) An update on applicable Indiana legislation and regulations.
- (2) Discussion of applicable department policy.
- (3) Information on new or improved technologies.
- (4) Information on changes to processes.
- (5) Information on changes in management practices.

**(6) Information on asbestos disposal.**

(c) The accredited training course must be at least four (4) hours in length. (*Solid Waste Management Board; 329 IAC 12-9-2; filed Feb 3, 1997, 9:15 a.m.: 20 IR 1487; readopted filed Jan 10, 2001, 3:25 p.m.: 24 IR 1535; filed Feb 14, 2005, 10:10 a.m.: 28 IR 2128*)

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*IC 4-22-7-5(c) notice from Secretary of State regarding documents incorporated by reference: None received by Publisher*