

**TITLE 35: ENVIRONMENTAL PROTECTION  
SUBTITLE M: BIOLOGICAL MATERIALS  
CHAPTER I: POLLUTION CONTROL BOARD  
SUBCHAPTER b: POTENTIALLY INFECTIOUS MEDICAL WASTES**

**PART 1421  
ACTIVITY STANDARDS**

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ILLUSTRATION A International Biohazard Symbol

AUTHORITY: Implementing and authorized by Sections 56.2 and 27 of the Environmental Protection Act (Ill. Rev. Stat. 1991, ch. 111 1/2, par. 1056.2 and 1027) [415 ILCS 5/56.2 and 27].

SOURCE: Adopted in R91-20, at 17 Ill. Reg. 10392, effective June 21, 1993.

## **SUBPART A: GENERAL PROVISIONS**

### **Section 1421.101 Compliance Dates**

Persons subject to this Part shall comply with its standards and criteria by June 21, 1993 (effective date).

## **SUBPART B: SEGREGATION**

### **Section 1421.110 Scope and Applicability**

This Subpart applies to persons who generate or transport PIMW, and to owners or operators of PIMW storage sites, transfer stations and treatment facilities.

### **Section 1421.111 Standards and Criteria**

- a) Generators shall segregate PIMW as follows:
  - 1) Sharps,
  - 2) Oversized PIMW, and
  - 3) All other.
- b) PIMW mixed with other waste is regulated under this Subtitle as PIMW and the mixture is not exempt from any other applicable regulations.
- c) This Section does not prohibit the placing of previously segregated and properly packaged (in accordance with Subpart C of this Part) sharps with other waste, provided the mixture is managed in accordance with subsection (b) of this Section.

## **SUBPART C: PACKAGING**

### **Section 1421.120 Scope and Applicability**

This Subpart applies to persons who package PIMW for off-site transportation.

**Section 1421.121 Standards and Criteria**

- a) PIMW, except for oversized PIMW, must be placed in a container, or a combination of containers. Such container must be:
  - 1) RIGID;
  - 2) LEAK-RESISTANT;
  - 3) IMPERVIOUS TO MOISTURE;
  - 4) OF A STRENGTH SUFFICIENT TO PREVENT TEARING OR BURSTING UNDER NORMAL CONDITIONS OF USE AND HANDLING; AND
  - 5) SEALED TO PREVENT LEAKAGE DURING TRANSPORT.  
(Section 56.1(b)(2)(A))
- b) Sharps, unless rendered unrecognizable pursuant to 35 Ill. Adm. Code 1422.126(a), must be packaged in a container, or a combination of containers, that is puncture-resistant and meets the requirements of subsection (a) of this Section.
- c) Oversized PIMW must be covered or packaged in a manner that minimizes contact with transport workers and the public. Sharps must not be packaged with oversized PIMW in the same container.
- d) If the outside of a container is contaminated by PIMW, a person shall place the container inside another container, or clean and disinfect the container in accordance with 35 Ill. Adm. Code 1420.107 of this Subtitle. In either case, the container or combination of containers must meet applicable requirements of subsections (a) or (b) of this Section.
- e) Once a reusable container has been cleaned and disinfected in accordance with 35 Ill. Adm. Code 1420.107 of this Subtitle, it can be used for only waste. If a reusable container is not or cannot be cleaned and disinfected in accordance with Section 1420.107 of this Subtitle, it must be regulated as PIMW pursuant to this Subtitle.
- f) Residues from cleaning a PIMW container, or discharges from PIMW packages, are regulated under this Subtitle, except when discharged directly into a sanitary or combined sewer in accordance with 35 Ill. Adm. Code Subtitle C.

BOARD NOTE: Interested persons should note that discharges to sewer systems can also be regulated by units of local government.

## **SUBPART D: LABELING AND MARKING**

### **Section 1421.130 Scope and Applicability**

This Subpart applies to persons who package PIMW for off-site transportation or who accept packages of PIMW from off-site.

### **Section 1421.131 Standards and Criteria**

- a) The exterior of the outer package must be marked as follows prior to shipment:
  - 1) The generator shall:
    - A) Mark on two opposite sides of the outer package in lettering that is readable at a minimum distance of five (5) feet:
      - i) The International Biohazard Symbol as shown in Illustration A of this Part and the word "Biohazard"; and
      - ii) The word "sharps", if the package contains sharps.
    - B) Mark with indelible ink in lettering that is legible on a water-resistant label or tag securely attached to or marked on the outer package:
      - i) The generator's name,
      - ii) The generator's address, and
      - iii) The generator's phone number (a 24-hour phone number, if available).
  - 2) The transporter shall mark with indelible ink in lettering that is legible on a water-resistant label or tag securely attached to or marked on the outer package:
    - A) The transporter's name,
    - B) The transporter's permit number,

- C) The transporter's address,
  - D) The transporter's phone number (a 24-hour phone number, if available), and
  - E) For each PIMW package, the shipment date when PIMW initially left the generator's site; or for each shipment, a unique identification number which directly corresponds to the initial date of shipment.
- b) Except for subsection (c) of this Section, inner packages must be marked as described in subsection (a)(1)(A)(i) of this Section.
- c) If a sharps container is packaged within an outer container, the inner sharps container must be marked with indelible ink in lettering that is legible as follows:
- 1) The International Biohazard Symbol as shown in Illustration A of this Part and the word "biohazard"; and
  - 2) The word "sharps".
- d) Containers which are not the inner or outer containers are exempt from the labeling requirements in subsection (a) of this Section. Packages may be placed in a transparent container provided that all required markings are legible through the transparent container. A non-rigid transparent container cannot be used as an outer container.
- e) For oversized PIMW, the following requirements must be met prior to shipment:
- 1) The generator shall:
    - A) Mark on one side of the outer package in lettering that is readable at a minimum distance of five (5) feet the International Biohazard Symbol as shown in Illustration A of this Part and the word "biohazard".
    - B) Mark with indelible ink in lettering that is legible on a water-resistant label or tag securely attached to or marked on the outer package:
      - i) The generator's name,
      - ii) The generator's address, and

- iii) The generator's phone number (a 24-hour phone number, if available).
- 2) The transporter shall mark with indelible ink in lettering that is legible on a water-resistant label or tag securely attached to or marked on the outer package:
  - A) The transporter's name,
  - B) The transporter's permit number,
  - C) The transporter's address,
  - D) The transporter's phone number (a 24-hour phone number, if available), and
  - E) For each PIMW package, the shipment date when PIMW initially left the generator's site; or for each shipment, a unique identification number which directly corresponds to the initial date of shipment.
- f) When PIMW is transported by more than one transporter, each transporter shall mark with indelible ink in lettering that is legible on a water-resistant label or tag securely attached to or marked on the outer package the information listed in subsection (a)(2) of this Section. The label, tag or mark must not obscure any previous information on the package.

## **SUBPART E: TRANSPORTATION**

### **Section 1421.140 Scope and Applicability**

This Subpart applies to persons who transport PIMW and are required to have a PIMW hauling permit in accordance with 35 Ill. Adm. Code 1420.105 of this Subtitle.

### **Section 1421.141 Standards and Criteria**

- a) PIMW must be transported under conditions to minimize the effects of putrescence.
- b) Packages of PIMW must be transported only in enclosed compartments of vehicles that are secured against public access when unattended. This requirement does not apply to oversized PIMW, which must be handled in a manner that minimizes contact with transport workers and the public.

- c) Vehicles and associated storage compartments, doors, piping and valving must be:
  - 1) Cleaned of visible PIMW contamination after each use; and
  - 2) In good repair when transporting PIMW.
- d) PIMW must be transported in a manner that prevents a breeding place or food source for vectors.
- e) During transport, a PIMW package must not be compacted or subjected to stress that compromises the integrity of the container.
- f) Residues from the cleaning of vehicles contaminated by PIMW are regulated under this Subtitle, except when discharged directly into a sanitary or combined sewer in accordance with 35 Ill. Adm. Code Subtitle C.

BOARD NOTE: Interested persons should note that discharges to sewer systems can also be regulated by units of local government.

- g) Vehicles transporting PIMW must display information in accordance with the PIMW hauling permit.
- h) The transporter shall develop and keep an emergency response plan in the vehicle. This plan must identify the names and telephone numbers of State and local authorities who must be contacted in the event of an emergency or discharge. In the event of an emergency or discharge of PIMW, the transporter shall take immediate action in accordance with the emergency response plan to protect the health and safety of the public and the environment. In addition, each vehicle transporting PIMW must carry all equipment necessary to provide a response.
- i) Vehicles transporting PIMW must not be used for the hauling of non-waste materials, with the exception of equipment and supplies intended for the use of waste management, including scales, bar coding equipment, printers, stampers, manifests, logs, dollies, load locks, conveyers, material handling equipment, plastic containers, corrugated boxes, plastic bags, tape, sharps containers, drums, labels, signs, stickers, spill kits, new PIMW containers or PIMW containers that have been cleaned and disinfected in accordance with 35 Ill. Adm. Code 1420.107 of this Subtitle.
- j) PIMW must not be in transport for more than ten (10) calendar days.

- k) This Subpart does not apply to the United States Postal Service.
- l) COMMENCING MARCH 31, 1993, AND ANNUALLY THEREAFTER, EACH TRANSPORTER OF PIMW REQUIRED TO HAVE A PERMIT UNDER SUBSECTION (f) OF SECTION 56.1 OF THE ACT SHALL FILE A REPORT WITH THE AGENCY SPECIFYING THE QUANTITIES AND DISPOSITION OF PIMW TRANSPORTED DURING THE PREVIOUS CALENDAR YEAR. SUCH REPORTS SHALL BE ON FORMS PRESCRIBED AND PROVIDED BY THE AGENCY. (Section 56.3 of the Act)

**Section 1421.ILLUSTRATION A International Biohazard Symbol**

