

§ 173.428

TABLE 5.—CONVEYANCE ACTIVITY LIMITS FOR LSA MATERIAL AND SCO—Continued

Nature of material	Activity limit for conveyances
3. LSA-II and LSA-III; Combustible solids and all liquids and gases.	100 A <sub>2</sub>
4. SCO .....	100 A <sub>2</sub>

TABLE 6.—INDUSTRIAL PACKAGE INTEGRITY REQUIREMENTS FOR LSA MATERIAL AND SCO

Contents	Industrial packaging type	
	Exclusive use shipment	Non exclusive use shipment
1. LSA-I:		
Solid .....	IP-1 ...	IP-1
Liquid .....	IP-1 ...	IP-2
2. LSA-II:		
Solid .....	IP-2 ...	IP-2
Liquid and gas .....	IP-2 ...	IP-3
3. LSA-III .....	IP-2 ...	IP-3
4. SCO-I .....	IP-1 ...	IP-1
5. SCO-II .....	IP-2 ...	IP-2

[69 FR 3676, Jan. 26, 2004; 69 FR 55118, Sept. 13, 2004; 69 FR 58843, Oct. 1, 2004; 70 FR 56098, Sept. 23, 2005]

§ 173.428 **Empty Class 7 (radioactive) materials packaging.**

A packaging which previously contained Class 7 (radioactive) materials and has been emptied of contents as far as practical, is excepted from the shipping paper and marking (except for the UN identification number marking requirement described in § 173.422(a)) requirements of this subchapter, provided that—

(a) The packaging meets the requirements of § 173.421(a) (2), (3), and (5) of this subpart;

(b) The packaging is in unimpaired condition and is securely closed so that there will be no leakage of Class 7 (radioactive) material under conditions normally incident to transportation;

(c) The outer surface of any uranium or thorium in its structure is covered with an inactive sheath made of metal or some other substantial material;

(d) Internal contamination does not exceed 100 times the limits in § 173.443(a);

(e) Any labels previously applied in conformance with subpart E of part 172

of this subchapter are removed, obliterated, or covered and the “Empty” label prescribed in § 172.450 of this subchapter is affixed to the packaging; and

(f) The packaging is prepared for shipment as specified in § 173.422.

[Amdt. 173–244, 60 FR 50307, Sept. 28, 1995, as amended by Amdt. 173–244, 61 FR 20752, May 8, 1996; 64 FR 51919, Sept. 27, 1999; 69 FR 3677, Jan. 26, 2004]

§ 173.431 **Activity limits for Type A and Type B packages.**

(a) Except for LSA material and SCO, a Type A package may not contain a quantity of Class 7 (radioactive) materials greater than A<sub>1</sub> for special form Class 7 (radioactive) material or A<sub>2</sub> for normal form Class 7 (radioactive) material as listed in § 173.435, or, for Class 7 (radioactive) materials not listed in § 173.435, as determined in accordance with § 173.433.

(b) The limits on activity contained in a Type B(U) or Type B(M) package are those prescribed in §§ 173.416 and 173.417, or in the applicable approval certificate under §§ 173.471, 173.472 or 173.473.

[Amdt. 173–244, 60 FR 50307, Sept. 28, 1995, as amended at 69 FR 3677, Jan. 26, 2004]

§ 173.433 **Requirements for determining basic radionuclide values, and for the listing of radionuclides on shipping papers and labels.**

(a) For individual radionuclides listed in the table in § 173.435 and § 173.436:

(1) A<sub>1</sub> and A<sub>2</sub> values are given in the table in § 173.435; and

(2) Activity concentration exemption values and consignment activity exemption values are given in the table in § 173.436.

(b) For individual radionuclides which are not listed in the tables in § 173.435 or § 173.436:

(1) the radionuclide values in Tables 7 or 8 of this section may be used; or

(2) other basic radionuclide values may be used provided they are first approved by the Associate Administrator or, for international transport, multi-lateral approval is obtained from the pertinent Competent Authorities.

(c) In calculating A<sub>1</sub> or A<sub>2</sub> values for a radionuclide not listed in the table in § 173.435: