PART 173—SHIPPERS—GENERAL REQUIREMENTS FOR SHIPMENTS AND PACKAGINGS

5. The authority citation for part 173 continues to read as follows:

Authority: 49 U.S.C. 5101-5127; 49 CFR

6. In § 173.24b, paragraph (d)(2) is revised to read as follows:

§ 173.24b Additional general requirements for bulk packagings.

(d) * * *

(1) * * *

- (2) Except as otherwise provided in this subchapter, exceeds the maximum weight of lading marked on the specification plate.
- 7. In § 173.35, paragraph l is added to read as follows:

§ 173.35 Hazardous materials in intermediate bulk containers

- (1) Intermediate bulk container filling limits.
- (1) Except as provided in this section, an intermediate bulk container may not be filled with a hazardous material in excess of the maximum gross mass marked on that container.
- (2) An intermediate bulk container which is tested and marked for Packing Group II liquid materials may be filled with a Packing Group III liquid material to a gross mass not exceeding 1.5 times the maximum gross mass marked on that container, if all the performance criteria can still be met at the higher gross mass.
- (3) An intermediate bulk container which is tested and marked for liquid hazardous materials may be filled with a solid hazardous material to a gross mass not exceeding the maximum gross mass marked on that container. In addition, an intermediate bulk container intended for the transport of liquids which is tested and marked for Packing Group II liquid materials may be filled with a Packing Group III solid hazardous material to a gross mass not exceeding the marked maximum gross mass multiplied by 1.5 if all the performance criteria can still be met at the higher gross mass.
- (4) An intermediate bulk container which is tested and marked for Packing Group I solid materials may be filled with a Packing Group II solid material to a gross mass not exceeding the maximum gross mass marked on that container, multiplied by 1.5, if all the performance criteria can be met at the higher gross mass; or a Packing Group

III solid material to a gross mass not exceeding the maximum gross mass marked on the intermediate bulk container, multiplied by 2.25, if all the performance criteria can be met at the higher gross mass. An intermediate bulk container which is tested and marked for Packing Group II solid materials may be filled with a Packing Group III solid material to a gross mass not exceeding the maximum gross mass marked on the intermediate bulk container, multiplied by 1.5.

§173.35 [Amended]

8. In addition, in § 173.35, in paragraph (j), the references to "35.3" cubic feet" and "17.7 cubic feet" are amended to read "106 cubic feet" and "53 cubic feet" respectively.

§173.242 [Amended]

- 9. In paragraph (d)(2)(i) of § 173.242, the following changes are made:
- a. The references to "35.4 cubic feet" and "17.7 cubic feet" are amended to read "106 cubic feet" and "53 cubic feet" respectively.
- b. After the word "composite", the words "flexible, fiberboard" are added.
- 10. In § 173.243, paragraph (d)(2) is revised as follows:

§ 173.243 Bulk packaging for certain high hazard liquids and dual hazard materials which pose a moderate hazard.

* (d) * * *

- (2) Intermediate bulk containers are authorized subject to the following conditions and limitations:
- (i) No Packing Group I liquids or materials classified as Division 4.2 Packing Group I are authorized in intermediate bulk containers.
- (ii) Packing Group I solids are authorized only in metal intermediate bulk containers with capacities up to three cubic meters (106 cubic feet); and
- (iii) Liquids with a vapor pressure greater than 110 kPa (16 psig) at 50 °C (122 °F), or 130 kPa (18.9 psig) at 55 °C (131 °F), are not authorized in metal intermediate bulk containers.
- 11. In § 173.306, paragraph (e)(1)(i) is revised to read as follows:

§173.306 Limited quantities of compressed gases.

* (e) * * *

(1) * * *

(i) Each pressure vessel may not contain more than 5.000 pounds of Group A1 refrigerant as classified in ANSI/ASHRAE Standard 15 or not more than 50 pounds of refrigerant other than Group A1.

§173.306 [Amended]

12. In addition, in § 173.306, paragraphs (e)(1)(iii), (e)(1)(v) and (e)(1)(vi) are amended by removing the phrase "American National Standard B9.1." and replacing it with the phrase "ANSI/ASHRAE 15".

PART 178—SPECIFICATIONS FOR **PACKAGINGS**

13. The authority citation for part 178 continues to read as follows:

Authority: 49 U.S.C. 5101-5127; 49 CFR 1.53.

13. In § 178.700, paragraph (c)(1) is revised to read as follows:

§178.700 Purpose, scope and definitions

* (c) * * *

(1) *Body* means the receptacle proper (including openings and their closures, but not including service equipment), that has a volumetric capacity of not more than three cubic meters (3,000 liters, 793 gallons, or 106 cubic feet) and not less than 0.45 cubic meters (450 liters, 119 gallons, or 15.9 cubic feet) or a maximum net mass of not less than

400 kilograms (882) pounds.

§178.705 [Amended]

15. In § 178.705, in paragraph (c)(2)(ii), the words "minus 100 kPa (14.5 psig)" are removed and the words "measured in the intermediate bulk container" are added in their place.

§178.710 [Amended]

16. In § 178.710, in paragraph (c)(5), the words "throughout the life of the inner receptacle" are removed and the words "throughout the life of the container" are added in their place.

17. In § 178.801, paragraph (b) is revised to read as follows:

§178.801 General requirements

* (a) * * *

(b) Responsibility. It is the responsibility of the intermediate bulk container manufacturer to assure that each intermediate bulk container is capable of passing the prescribed tests. To the extent that an intermediate bulk container assembly function, including final closure, is performed by the person who offers a hazardous material for transportation, that person is responsible for performing the function

of this subchapter.

18. Section 178.803 is revised to read as follows:

in accordance with §§ 173.22 and 178.2