

to pressurize the interior of the packaging to the specified air pressure and to determine if there is leakage of air from the packaging. A packaging passes the test if there is no leakage of air from the packaging. Chime cuts must be made on the initial drum at the beginning of each production run and on the initial drum after any adjustment to the chime seamer. Chime cuts must be maintained on file in date order for not less than six months and be made available to a representative of the Department of Transportation on request.

[Amdt. 178-97, 55 FR 52728, Dec. 21, 1990, as amended at 56 FR 66287, Dec. 20, 1991; 57 FR 45466, Oct. 1, 1992]

**APPENDIX C TO PART 178—NOMINAL AND MINIMUM THICKNESSES OF STEEL DRUMS AND JERRICANS**

For each listed packaging capacity, the following table compares the ISO 3574 (IBR, see §171.7 of this subchapter) nominal thickness with the corresponding ISO 3574 minimum thickness.

Maximum capacity (L)	ISO nominal (mm)	Corresponding ISO minimum (mm)
20 .....	0.7	0.63
30 .....	0.8	0.73
40 .....	0.8	0.73
60 .....	1.0	0.92
120 .....	1.0	0.92
220 .....	1.0	0.92
450 .....	1.9	1.77

[Amdt. 178-106, 59 FR 67522, Dec. 29, 1994, as amended at 68 FR 75758, Dec. 31, 2003]

**PART 179—SPECIFICATIONS FOR TANK CARS**

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- 179.300 General specifications applicable to multi-unit tank car tanks designed to be removed from car structure for filling and emptying (Classes DOT-106A and 110AW).
- 179.300-1 Tanks built under these specifications shall meet the requirements of §§ 179.300 and 179.301.
- 179.300-3 Type and general requirements.
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- 179.400 General specification applicable to cryogenic liquid tank car tanks.
- 179.400-1 General.
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- 179.400–10 Sump or siphon bowl.
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  - 179.401–1 Individual specification requirements.
  - 179.500 Specification DOT-107A \* \* \* \*, seamless steel tank car tanks.
  - 179.500–1 Tanks built under these specifications shall meet the requirements of § 179.500.
  - 179.500–3 Type and general requirements.
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- APPENDIX A TO PART 179—PROCEDURES FOR TANK-HEAD PUNCTURE-RESISTANCE TEST
- APPENDIX B TO PART 179—PROCEDURES FOR SIMULATED POOL AND TORCH-FIRE TESTING

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SOURCE: 29 FR 18995, Dec. 29, 1964, unless otherwise noted. Redesignated at 32 FR 5606, Apr. 5, 1967.

### Subpart A—Introduction, Approvals and Reports

#### § 179.1 General.

(a) This part prescribes the specifications for tanks that are to be mounted on or form part of a tank car and which are to be marked with a DOT specification.

(b) Except as provided in paragraph (c) of this section, tanks to which this

part is applicable, must be built to the specifications prescribed in this part.

(c) Tanks built to specifications predating those in this part may continue in use as provided in § 180.507 of this subchapter.

(d) Any person who performs a function prescribed in this part, shall perform that function in accordance with this part.

(e) When this part requires a tank to be marked with a DOT specification (for example, DOT-105A100W), compliance with that requirement is the responsibility of the tank builder. Marking the tank with the DOT specification shall be understood to certify compliance by the builder that the functions performed by the builder, as prescribed in this part, have been performed in compliance with this part.

(f) The tank builder should inform each person to whom that tank is transferred of any specification requirements which have not been met at time of transfer.

[Amdt. 179–17, 41 FR 38183, Sept. 9, 1976, as amended by Amdt. 179–50, 60 FR 49076, Sept. 21, 1995; 68 FR 48571, Aug. 14, 2003]

#### § 179.2 Definitions and abbreviations.

(a) The following apply in part 179:

(1) *AAR* means Association of American Railroads.

(2) *Approved* means approval by the AAR Tank Car Committee.

(3) *ASTM* means American Society for Testing and Materials.

(4) [Reserved]

(5) Definitions in part 173 of this chapter also apply.

(6) *F* means degrees Fahrenheit.

(7) *NGT* means National Gas Taper Threads.

(8) *NPT* means an American Standard Taper Pipe Thread conforming to the requirements of NBS Handbook H-28 (IBR, see § 171.7 of this subchapter).

(9) [Reserved]

(10) *Tank car facility* means an entity that manufactures, repairs, inspects, tests, qualifies, or maintains a tank car to ensure that the tank car conforms to this part and subpart F of part 180 of this subchapter, that alters the certificate of construction of the tank car, that ensures the continuing qualification of a tank car by performing a function prescribed in parts 179 or 180