

## APPENDIX B

### DEPARTMENT OF DEFENSE (DOD) INTERMODAL CONTAINER STANDARDS

#### A. PURPOSE

To provide uniform standards for all International Organization for Standardization (ISO) containers and ISO-configured tactical shelters owned by the DoD. Containers leased or contracted for use by the DoD may be excluded on a case-by-case basis as determined by mission requirements.

#### B. GUIDANCE

1. All containers procured by the DoD will conform to ISO standards.
2. All ISO-configured tactical shelters developed or procured for the DoD intended for movement in the Defense Transportation System (DTS) or in international trade will conform to ISO standards within mission requirements.
3. All designs for strategic and tactical transportation assets (i.e., aircraft, ships, truck, and trailers) developed or procured for the DoD will consider interface with intermodal container systems of the DTS.
4. All container-handling equipment procured by the DoD will adhere to ISO standards.
5. All tactical equipment designs and procurement will consider and conform to ISO standards within mission requirements.
6. To the maximum extent possible, procurement of ISO-configured tactical shelters will be selected from the Department of Defense Standard Family of Tactical Shelters (Rigid/Soft/Hybrid) brochure, which is available at <https://apps.dtic.mil/dtic/tr/fulltext/u2/a568854.pdf>.

#### C. DOD STANDARDS

1. Standard transportation containers for the DoD are the:
  - a. 8' wide x 6'10" high x 4'9-3/8" long (QUADCON) ISO steel frame construction container
  - b. 8' wide x 8' high x 6'5½" long (TRICON) ISO steel frame construction container.
  - c. 8' wide x 8' high x 10' long (BICON) ISO steel frame construction container.
  - d. 8' wide x 8' high x 20' long ISO steel frame construction container.
  - e. 8' wide x 8'6" high x 20' long ISO steel frame construction container.
  - f. 8' wide x 8'6" high x 40' long ISO steel frame construction container.
2. The 20-foot container is designated as the primary size for containerized munitions shipments. For sustainment and unit equipment, 20- and 40-foot ISO containers are standard.
3. The capability of the user to handle and transport containers will be the overriding factor when determining container size.
4. A container modified for a specific mission must meet the requirements for the transport vehicle. The container and subsystems must be certified by the applicable agency.

#### **D. INDUSTRY STANDARDS**

1. The maximum allowable gross weight for 20' ISO containers of all types, including flatracks, high-cube containers, and platform units moving in the DTS and/or international trade is 67,200 lbs (30 long tons).
2. The maximum allowable gross weight for 40' ISO containers of all types, including flatracks, high-cube containers, and platform units moving in the DTS and/or international trade is 67,200 lbs (30 long tons).
3. Containers cannot be loaded past the highest legal weight limit for any state or nation when the containers are moved over the road.