

## CONTAINER SPECIFICATIONS

### A.1. Sea Freight (HHE) Container Specifications:

A.1.1. Wood frames - 5 cm. X 10 cm. for wall and roof

A.1.2. Skids - 10 cm. X 10 cm.

A.1.3. Plywood Shell - New container grade plywood free from holes,  
9 mm. thickness (NOT PRESSED PLYWOOD)

A.1.4. Hardware - Rust resistant quality lag screws will be inserted as follows:

a. One 1cm X 7cm lag screw at each corner of both sides to penetrate cross frame member on container top and bottom.

b. One 1cm x 7cm lag screw at each corner of ends to penetrate horizontal frame of container sides top and bottom.

c. All joints and seams of the container will be caulked with non-hardening compound at time of assembly

d. Door will be fastened to frame with 1cm x 7cm lag screws, side door screw spacing approximately 38cm, door screw spacing 25cm..

A.1.5. Waterproofing- Interior shall be fully lined with plastic polyethylene at a minimum of .003 mm. thickness.

A.1.6. Roofing covered in tin - 0.15 mm thickness

A.1.7. Maximum outside dimensions - 220 cm. wide X 220 cm. wide X 140 cm. deep, unless otherwise specified.

A.1.8. Banding-15 mm. wide steel banding material. A minimum of 2 steel bands shall be applied around the wooden lift crates both horizontally and vertically.

### A.2. Air Freight (HHE) Container Specifications:

A.2.1. Plywood Shell - container grade plywood free from holes, 6 mm. thickness

A.2.2. Wood Frames - 5 cm. X 10 cm. for wall and roof

A.2.3. Hardware - Rust resistant quality

A.2.4. Waterproofing - Interior shall be fully lined with plastic polyethylene at a minimum of .003 mm. thickness.

A.2.5. Roofing covered in tin - 0.15 mm thickness

A.2.6. Maximum outside dimensions - air freight shipping containers shall conform to airline cargo specifications. Contractor must be aware of airlines' loading units (pallets, containers, igloos etc.)

e.  
A.2.7. Banding - 15 mm. wide steel banding material. A minimum of 2 steel band shall be applied around the wooden lift crates both horizontally and vertically.

A.3. Air Freight (UAB) Container Specifications:

A.3.1. Plywood Shell - container grade plywood free from holes, 4mm. thickness

A.3.2. Hardware - Rust resistant quality

A.3.3. Waterproofing - Interior shall be fully lined with plastic polyethylene at a minimum of .003 mm. thickness.

A.3.4. Roofing covered in tin - 0.15 mm thickness

A.3.5. Maximum outside dimensions - air freight shipping containers shall conform to airline cargo specifications. Contractor must; be aware of airlines ,loading units (pallets, containers, igloos, etc,)

A.3.6. Tri-wall - If a tri-wall is used' for unaccompanied air baggage, contractor shall install 10 cm. high corner bases beneath the tri-wall.

A.3.7 Banding -15 mm. wide steel banding material. A minimum of 1 steel band shall be applied around the wooden lift crates and/or tri-wall containers both horizontally and vertically.

A. 3. 8 Unacceptable Containers:

- a. Those not meeting the minimum requirements
- b. Containers covered 'with tarpaper, waterproof paper or aluminum foil on outside. . \_
- c. Containers that have been extended (added onto) to accommodate outside or overflow items.
- d. Edges of plywood deteriorated to the point that plywood with not hold nails.
- f. Plywood de laminated (separation of plies in the panels).
- g. Framing broken, split or separated from container.
- h. Caulking on outside seams or joints.
- i. Containers patched but not sealed or caulked.