

Type Test Certificate



for the type test of the test item described below

Certificate number: 74098 HH

Applicant / owner:



Container-Handelsgesellschaft m.b.H.
A-2355 Wiener Neudorf / Austria

Manufacturer:



Container-Handelsgesellschaft m.b.H.
A-2355 Wiener Neudorf / Austria

Test item:

Description	10' storage container
Manufacturer's name	10'LC
Manufacturer's serial no.	060830142
Place and date of type test	Komarno, 15.07.2008 - 16.07.2008
Permissible gross weight	R= 10. 825 kg ³⁾
Tare weight	T= 825 kg
GL transaction key	FC 9130/001

Test basis:

For testing, the testing and loading specification of applicant acc. to "Anhang 10'LC" has been taken as a basis, which is described in attachment 1, page 1 of this certificate.

Result:

Concerning acceptable deformations the above described container fulfills the internal assessment criteria of applicant and the assessment criteria of GL for testing of containers.

Accompanying documents:

- Drawings according to attachment 1, page 2
- Test report dated 2008-07-18
- GL drawing approval Letter with Ref. No. 09-008952/HPB dated 2009-01-26

Enclosures to this certificate:

Attachment 1, 2 pages

Comments:

The tested container can be used as basis for reproduction of containers constructed in the same way. Same applies to reproductions which are additionally equipped with electrical box, windows and doors according to drawing no. LC-00-01E.

Hamburg, 2010-01-27

Germanischer Lloyd

Hans-Peter Barlozek

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Attachment 1, page 1 of 2 to 74098 HH

Description of the container

Construction (brief description):

- Frame: steel frame with welded corner fittings
- Roof and walls: corrugated steel plate
- Door: double winged door, externally hinged, with special rubber seal all around the door
- Floor: wooden or steel floor construction

External dimensions:

- Length: 2.991 mm
- Width: 2.438 mm
- Height: 2.591 mm

Materials: S235JRG2 (EN 10025); DC01-A-m

Test

Item	Type of test		Test loadings	Max. allowable work loads ¹⁾
1.	Stacking		Load per corner post F = 57,75 kN	Allowable stacking weight 15.400 kg
2.	Lifting from the four top corner fittings		Internal load 10.000 kg	Max. lifting weight P= 6.500 kg ²⁾
3.	Roof loading	Holohedral (snow load)	1100 kg	Allowable roof load 730 kg (100 kg / m²)
		Point load in the centre of the roof (30 x 30 cm)	225 kg	Allowable point load (30 x 30 cm) 150 kg
4.	Floor loading		Floor evenly loaded with 15.000 kg	Allowable floor load ³⁾ 10.000 kg (1545 kg/m²)
5.	Fork lift pocket testing		Floor evenly loaded with 10.000 kg	Allowable lifting weight P = 6.500 kg ²⁾
¹⁾ max. allowable work load tested with a safety factor of 1,5 (test loadings / 1,5 = allowable work load). The container can be stacked three high (two times stackable with itself) taking into account and compliance with the max. allowable lifting load mentioned in point 2. ²⁾ allowable lifting weight (P +T) = 7.325 kg ³⁾ only applicable when standing on the floor P = payload				

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Attachment , page 2 of 2 to 74098 HH

Drawings:

<u>Drawing number:</u>	<u>Description:</u>
10-00-01 HBA alternative 10-00-01SBB	Lagercontainer 10' (storage container 10')
10-00-02 HBA alternative 10-00-02SBB	Skelett 10 (frame 10)
10-51-00 LA	Tür links (door left)
10-51-00 RA	Tür rechts (door right)
10-00-03 HBA alternative 10-00-01SBB	Skelett 10 (frame 10)
10-33-01 RA	Ecksäule hinten (corner post rear right)
10-33-01 LA	Ecksäule hinten (corner post rear left)
10-30-00 LA	Türecksäule komplett LA (corner post complete left)
10-30-00 RA	Türecksäule komplett RA (corner post complete right)
10-40-01 LA	Seitenwand 1L (side wall 1 left)
10-40-01 RA	Seitenwand 1R (side wall 1 right)
10-40-02 LA	Seitenwand 2L (side wall 2 left)
10-40-02 RA	Seitenwand 2R (side wall 2 right)
10-40-10 A	Hinterwandblech 1 (back wall sheet 1)
10-40-11 A	Hinterwandblech 2 (back wall sheet 2)
10-20-00 A	Dachrahmen komplett (roof frame)
10-20-05 A	Dachlängsträger (roof longitudinal beam)
10-21-00 A	Dachträger vorne komplett (roof beam front complete)
10-22-00 A	Dachträger hinten komplett (roof beam back complete)
10-20-07 A	Dachblech (roof sheet)
10-20-08 A	Dachblech (roof sheet)
11-25-00 L vorne	Corner Cast oben L vorne (corner cast top front left)
11-25-00 L hinten	Corner Cast oben L hinten (corner cast top back left)
11-25-00 R vorne	Corner Cast oben R vorne (corner cast top front right)
11-25-00 R hinten	Corner Cast oben R hinten (corner cast top back right)
10-10-00 HBA alternative 10-10-00 SBB	Bodenrahmen komplett (floor frame complete)
10-11-00 A	Bodenträger kompl. vorne (floor beam front complete)
10-12-00 A	Bodenträger kompl. hinten (floor beam back complete)
10-10-03 LA	Bodenlängsträger (floor longitudinal beam)
10-10-03 RA	Bodenlängsträger (floor longitudinal beam)
11-24-00 L	Corner Cast unten L (corner cast bottom left)
11-24-00 R	Corner Cast unten R (corner cast bottom right)
LC-00-01E	Elektrokasten, Fenster, Türen (electrical fittings, windows and doors)

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