Certificate for Offshore Container

GL

Certificate No.: OC 7616 / 009

Type of Offshore Container	Quantity	External Dimensions (L x W x H)
Special container - Accommodation unit	6	6058 x 2438 x 2896 mm

Max. / Operating Gross Mass	Tare Mass	Payload	Intermediate deck:	Design / Operating Temperature
8200 kg (excluding lifting set)	7700 kg	500 kg	0 kg	- 20 °C

Manufacturer
ELA Container GmbH, 49733 Haren, Germany

Type Designation	Manufacturer's serial No	Date of manufacture
ELA25.00-S.00	ELA14-020 till ELA14-[illegible]4	05/2014

General Assembly	Approval date	Typ Approval No. GL / Other	Design Approval Reference
de-12-003183-k1-konstruktion	2012-10-30	TA 97423 HH	12-[illegible]19962

This offshore container, or another one from the same production series, has been subjected to the following proof test(s):

Manufacturer's serial No. of the offshore container(s) tested	Place and date of the production test
ELA14-022, ELA14-029, ELA14-039,	Ha[illegible], 2014-05-05

☒ 4-point lifting (2,5R)	☐ 2-point lifting (1,5R)	☐ F[illegible] pockets [illegible]ding (1,6R)	☐ Vertical impact.
Test load - 20500 kg	Test load - --- kg	T[illegible]st load [illegible] kg	Test load (1R) - --- kg

The certificate is only valid when the containers are [illegible]ted with [illegible]ifting set certified acc. to DNV2.7-1 / EN12079

Shackle bolt dia. / WLL $_{MN}$	Max. angle of legs (from vert.)	No. of lifting points	Requirements for the lifting set (Certificate, reference to owner's record, to be listed part 2 of this certificate)
32,0 mm / 9,5 Ton	45 deg	4	

This Offshore Container has been designed, approved, manufactured and tested in accordance with DNV Standard for Certification No. 2.7-1 ([illegible]2013)

The container corresponds (if applicable) with the following requirements and regulation:

☒ EN12079 "OFFSHORE CONTAINERS and ASS. LIFTING SETS" ☒ IMO MSC/Circ.860

☒ CONVENTION for SAFE CONTAINERS (CSC) ☒ ISO668, ISO1161, ISO1496-1

☐ ☐

☒ Suitable for installation on Open decks of Seagoing Ships *** ☒ non hazardous area only ☐ Zone

☒ Passive fire protection(PFP) ☒ A- 60 class divisions

The certificate is based on the following other certificates if relevant:

86616-10HH, 06-LD156909/1-PDA, 50896-04Lux, 50897-04Lux, 19440-11HH, 19441HH, 60135-09Lux, 60136-09Lux, MED-B-6577,102.341, 102.345

Remarks: */Mounting of the container on deck as well as electrical connection is outside the scope of this examination.**

Certification is issued ☐with, ☒ without deviations from the Certification Standard. The deviations if any are listed in the appendix to this certificate.

The documentation package has been stamped approved and hereby found to be complete and as built. The certificate includes an appendix which is to be considered as a part of the certificate.

Validity period

The certificate does not, unless otherwise agreed, include any periodically follow up to verify that the certificate remain valid. For future use of the container, the user is responsible for checking possible modifications of and the general condition of the equipment.

Changes in the referred regulations may have influence on the application of the certificate. Renewal and updating of the certificate may be given upon request from customer. Periodically (annually) renewal may be agreed.

Hamburg, 2014-09-22
Place / Date

Stamp

CONTAINER INSPECTION SERVICE

Jacek Lachowicz
Name and Signature of GL Representative

Appendix to the Certificate for Offshore Container

Certificate No.: OC 7616 / 009

Owner	Owner's container identification no
ELA Container GmbH, 49733 Haren, Germany	ELA14-020 till ELA14-044

Lifting set Lifting set and replacement sets to be listed

Supplier / Manufacturer	WLL / Rating (Ton)	Sling ID No.:	Certificate No. (owner's record)	Date
----	16,96 / 12,00	----	----	----

The following scope of inspection was carried out:

1. Identification of material against relevant mill certificates
2. Welding was done to qualified procedures an by qualifi[illegible]elders
3. Witness dimensional control.
4. Witness of load testing of the production units ELA12-022, ELA12-029, ELA12-039.

Results:
1. During the lifting test the container was proof load[illegible] in ac[illegible]nce with European Standard EN12079-1:2006 for Offshore Containers Chapter 7.3 and DNV Rules OFFSHORE C[illegible]NTAINERS, 2.7-1:2006 Chapter 4.6.3 and was found satisfactory. No visual defects were detected after th[illegible]. A 100% [illegible]PI-test of the main structure was performed with satisfactory results.
2. The production testing was proof in acco[illegible]e with European Standard EN12079-1:2006 for Offshore Containers Chapter 8.4 and DNV Rules OFFSHO[illegible]NTAIN[illegible]S, 2.7-1:2006 Chapter 5.4.1.
3. On the basis of the abov[illegible]cope of inspec[illegible]n, the manufacturing and testing of the unit was found in compliance with standard practice and goo[illegible] workma[illegible]
4. The container described [illegible]n desi[illegible]ed, fabricated and tested in accordance with EN12079-1:2006.
Note: The lifting gear was not part of the t[illegible]sting

Typ-Zertifikat für Container
Type Certificate for Container

GL

Zertifikat Nr. / Certificate No.: FC 7616 / 011

Ein Container des unten beschriebenen Typs wurde geprüft unter Beachtung:
One Container of the type described below was tested considering:

[X] International Convention for Safe Containers, 1972 (CSC) — **CSC No.: D-HH-8067 / GL 7616**

[ ] Customs Convention on Containers, 1975 (CCC)

[X] UIC 592-2 regulation of International Union of Railways for transit on UIC member railways — **UIC Mark: ic 81**

Der Container entspricht *The Container corresponds* [ ] in vollem Umfang *fully* [X] teilweise *partially* [ ] siehe 14 *see 14*
den anwendbaren ISO-Empfehlungen und den Richtlinien des GL für den Bau und die Prüfung von Containern.
to the applicable ISO-Recommendations and the Requirements of GL for the Construction and Testing of Containers.

ISO-(DIN) Normbezeichnung: *Designation* 25S3 - 6058 x 2438 x 2896 mm — Stückzahl: *No. of units* 20

Typbezeichnung des Herstellers: *Type designation of the manufacturer* ELA25.OFF-S.00

Ort und Datum der Typ-Prüfung: *Place and date of type test* Bremen, Haren, 03.2015

Zul.Gesamtgewicht R: *Permissible gross mass* 12.000 kg 26.450 lb — Leergewicht T: *Tare mass* 7.700 kg - lb

Netto-Rauminhalt *Net cubic capacity* - m³ - cu.ft — U-Wert der Isolierung *U-factor of the insulation* - W/K

Dieses Zertifikat gilt für die mit nachfolgenden Identifizierungsnummern versehenen Container, die dem geprüften Typ entsprechen. Prüflasten und Umfang der Typprüfung sind umseitig aufgeführt.

This Certificate is valid for the Containers with following identification numbers which have been manufactured in conformity with the reference type been tested, loads and extent of type test are stated on page no. 2 of this certificate.

CSC-Ident-Nr.: *CSC ident no.* ELA 002 - 021

Bau-Nr. des Herstellers: *Serial no. of manufacturer* ELA15 002 - 021

Herstellungsdatum *Date manufactured* 03/2015

Antragsteller: *Applicant* **ELA Container GmbH, Haren/Ems / Germany**

Hersteller: *Manufacturer* **ELA Container GmbH, Haren/Ems / Germany**

Eigner: *Owner* **ELA-Container Offshore GmbH, Haren/Ems / Germany**

Hamburg, 2015-06-03
Place and Date

Stamp 092

Andreas Hübner
Name and Signature of GL Representative

Es gelten die Allgemeinen Geschäftsbedingungen des Germanischen Lloyd in ihrer jeweils neuesten Fassung. Es gilt deutsches Recht.
The latest edition of the General Terms and Conditions of Germanischer Lloyd is applicable. German law applies.

Zertifikat Nr. / Certificate No.: FC 7616/011	Übersichtszeichnung *General arrangement* de12-003183-k1-konstruktion	Spezifikation Nr. *Specification No.* S-00.ELA25OFF-S.00

Bauweise, Werkstoff (Kurzbeschreibung) *Construction, materials (brief description)*
Ganzstahl / all steel

Wood immunization treatment (acc. to maker's statement):	----------

Lfd. Nr.	Umfang der Typ-Prüfung entsprechend ISO 1496-1 *Extent of the Type Test according to ISO 1496-1*			*Test performed*	Besondere Bemerkungen *Additional remarks*
1.	Stapeln *stacking*	Belastung je Eckpfosten *load per corner post* F = 848 kN		X	Zul.Stapellast bei 1,8g (CSC) *Allowable stacking load for 1,8g (CSC)* 192.000 kg 423.280 lbs
2.	Heben an den oberen Eckbeschlägen *lifting from the four top corner fittings* (2R)	senkrecht *vertical*		X	
3.	Heben an den unteren Eckbeschlägen *lifting from the four bottom corner fittings* (2R)	a = 45 ° zur Horizontalen *to the horizontal*		X	
4.	Längsbeanspruchung des Bodenrahmens *restraint (longitudinal)*	2R / 1R pro Seite *2R / 1R per side*		X	
5.	Stirnwand-Belastung *strength of end walls*	0,4 Pg		X	2020kg, 4450lb
6.	Seitenwand-Belastung *strength of side walls*	0,4 Pg		X	2020kg, 4450lb
7.	Dach-Belastung *strength of the roof*	0 kg		X	
8.	Boden-Belastung (Radlasten) *floor strength*	kg			N/A
9.	Verwindung (Belastung in Querrichtung) *rigidity (transverse)*	F = 150,0 kN		X	
10.	Verwindung (Belastung in Längsrichtung) *rigidity (longitudinal)*	F = 75,0 kN		X	
11.	Gabelstaplertaschen-Test *fork lift pockets test*	Beladen auf *loaded to*	1,6 R 0,625 R		
12.	Greifkanten-Test *Lifting at base grappler arm position*	Beladen auf *loaded to*	1,25 R		
13.	Prüfung der Spritzwasserdichtigkeit *weatherproofness test*				
14.	Sonstige Prüfungen / Bemerkungen: *other tests / remarks:*				