DNV·GL

Certificate No:
TAS000020B

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
3.3m to 18.5m Pipe Basket

Issued to
Uniteam Poland Sp. z o.o.
Gdansk, Poland

is found to comply with
DNV GL standard DNVGL-ST-E271 – 2.7-1 Offshore containers, August 2017
ISO 10855:2018 Offshore containers and associated liftings sets – Design, manufacture, testing, inspection and marking
IMO/MSC Circular 860

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Design No.	Type	Max. gross mass (kg)	Max. payload (kg)	Max. sling leg angle	Enhancement factor
1.	3.3m Pipe Basket - 3.3PB/A14.SS	7400	6300/6250	30°	1.673
2.	6.3m Pipe Basket - 6.3BA/A13 - 6.3PB/A14.SS	10000	8150/8100	30°	1.501
3.	8.3m / 8.4m Pipe basket - 8.3BA.CH/A14 / 8.4PB/A15.SS	14250	11950/11800	30°	1.313
4.	10.4m Pipe Basket - 10.4PB/A15.SS	14250	11410	30°	1.313
5.	12.3m / 12.4m Pipe Basket - 12.3BA.CH/A14 / 12.4PB/A15.SS	14500/14250	10900	30°	1.302/1.313
6.	13.4m Pipe Basket - 13.4PB/A15.SS	14250	10650	30°	1.313
7.	14.5m Pipe Basket - 14.5PB/A15.SS	14250	10450	30°	1.313
8.	16.5m Pipe Basket - 16.5PB/A15.SS	14250	9950	30°	1.313
9.	16.8m UP.FB-17-02.SS	14250	9950	30°	1.313
10.	17.8 UP.FB-18-01.SS	14150	9550	30°	1.313
11.	18.5m Pipe Basket - 18.5PB/A15.SS	14250	9550	30°	1.313

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Job Id: **262.1-016930-3**
Certificate No: **TAS000020B**

Issued at **Aberdeen** on **2019-04-24**
This Certificate is valid until **2024-04-23**.
DNV GL local station: **Gdansk**

for **DNV GL**

Approval Engineer: **Ronald Quiballo**

Elisabeth Legg
Principal Engineer

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Manufactured by

DNV GL CIM No.	**10305983**	**146509**	**134179**	**156674**	**143141**	**113605**	**10006600**	**10107353**	**10040783**	**10305461**	**10076173**
DNV GL Office	**Gdansk**	**Gdansk**	**Gdansk**	**Lubawa**	**Swinoujscie**	**Szczecin**	**Shanghai**	**Shanghai**	**Shanghai**	**Shanghai**	**Shanghai**
Design No.	**Note**										
1.	*	*	*	*	*	*	*	*	*	*	*
2.	*	*	*	*	*	*	*	*	*	*	*
3.	*	*	*	*	*	*	*	*	*	*	*
4.	*	*	*	*	*	*	*	*	*	*	*
5.	*	*	*	*	*	*	*	*	*	*	*
6.	*	*	*	*	*	*	*	*	*	*	*
7.	*	*	*	*	*	*	*	*	*	*	*
8.	*	*	*	*	*	*	*	*	*	*	*
9.	*	1)	*	*	*	*	*	*	*	*	*
10.	*	*	2)	*	*	*	*	*	*	*	*
11.	*	*	*	*	*	*	*	*	*	*	*

*) The type approval will not become valid for this place of manufacture before they have built and tested a prototype.

Notes:

Responsibility

The company to which this Type Approval Certificate has been issued takes full responsibility that both the design and production are in compliance with the Rules, Standards and / or Regulations listed on the front page of this certificate.

Product description

This Type Approval Certificate replaces S-8265.

Design No.	Type	Maximum external dimensions (LxWxH) (mm)	Tare mass** (kg)

1.	3.3PB/A14.SS	3230 x 1200 x 1305	1150
2.	6.3BA/A13 / 6.3PB/A14.SS	6230 x 1200 x 1305	1800 / 1900
3.	8.3BA.CH/A14 / 8.4PB/A15.SS	8230 / 8350 x 1200 x 1305	2300 / 2450
4.	10.4PB/A15.SS	10230 / 10350 x 1200 x 1305	2840
5.	12.3BA.CH/A14 / 12.4PB/A15.SS	12230 / 12350 x 1200 x 1305	3600 / 3350
6.	13.4PB/A15.SS	13350 x 1200 x 1305	3600
7.	14.5PB/A15.SS	14450 x 1200 x 1305	3800
8.	16.5PB/A15.SS	16450 x 1200 x 1305	4300
9.	UP.FB-17-02.SS	16800 x 1200 x 1304	4300
10.	UP.FB-18-01.SS	17800 x 1200 x 1304	4600
11.	18.5PB/A15.SS	18450 x 1200 x 1305	4700

**) Tare mass is to be confirmed by weighing and it shall never exceed the maximum gross mass stated on the front page of this certificate.

Application/Limitation

Design No.	Type	Minimum Design temperature	Minimum shackle bolt diameter (mm)
1.	3.3PB/A14.SS	-20 °C	24.4 mm
2.	6.3BA/A13 / 6.3PB/A14.SS	-40 °C / -20 °C	24.4 mm
3.	8.3BA.CH/A14 / 8.4PB/A15.SS	-40 °C	27.3 mm
4.	10.4PB/A15.SS	-20 °C	27.3 mm
5.	12.3BA.CH/A14 / 12.4PB/A15.SS	-40 °C / -20 °C	27.3 mm
6.	13.4PB/A15.SS	-20 °C	27.3 mm
7.	14.5PB/A15.SS	-20 °C	27.3 mm
8.	16.5PB/A15.SS	-20 °C	27.3 mm
9.	UP.FB-17-02.SS	-40 °C / -20 °C	27.3 mm
10.	UP.FB-18-01.SS	-40 °C / -20 °C	27.3 mm
11.	18.5PB/A15.SS	-20 °C	27.3 mm

The DNV GL surveyor shall witness all important production and testing events and issue a certificate for each container. The certificate is only valid when the container is fitted with a DNV GL certified lifting set.

Type Approval documentation

Tests carried out
Prototypes tested in accordance with DNVGL-ST-E271.

Marking of product
Each container to be marked in accordance with DNV GL / ISO requirements, including:
- Data and inspection plates
- DNV GL emblem for offshore containers
- VL mark to be hard stamped on the data plate
- Manufacturer's Serial Number to be welded on frame

Periodical assessment
In order to maintain the validity of the type approval certificate, periodical assessments should be carried out according to DNVGL-CP-0338 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

END OF CERTIFICATE