DNV·GL

Certificate No:
TAS00000Y7

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
Half Height 10' x 8' Container

Issued to
D.F. Barnes Fabrication Limited
St. John's NL, Canada

is found to comply with
DNV 2.7-1 Offshore Containers (2013)
EN 12079 Offshore containers-Design, construction, 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.

Max. gross mass	**23149 lb**	**10500 kg**
Max. payload	**17637 lb**	**8000 kg**
Max. sling leg angle	**30°**	
Enhancement factor	**1.479**	

Issued at **Houston** on **2017-03-02**
This Certificate is valid until **2022-03-01**.
DNV GL local station: **St. John's, NL**

Approval Engineer: **Aaron Grierson**

for **DNV GL**

Nick Prokopuk
Head of Section

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.

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Product description

Max. external dimensions (LxWxH)	: 3048x 2439 x 1355 mm			
Tare	:5512	lbs	:2500	kg

Application/Limitation

Lifting Set Minimum WLL	:17.12	tons	:15.53	t
Shackle WLL	:10.47	tons	:9.5	t
Min Design Temperature	: -4°	F	: -20°	C
Minimum Pin Diameter	:1.38	in	:35	mm

DNV GL surveyor to witness important production and test events and issue Form no. 49.07a "Certificate for Offshore Container" for each container.

Production strength tests (All point lifting) to be carried out according to DNV 2.7-1 and after agreement with the DNV GL surveyor.

The certificates are only valid when the containers are fitted with a lifting set certified according to DNV 2.7-1.

Type Approval documentation

Tests carried out

Prototype HH108041 Strength Tested according to DNV 2.7-1

Marking of product

Each container to be marked with:

- Data plates according to DNV / EN requirements
- External marking according to DNV / EN requirements
- DNV GL emblem for offshore containers
- NV mark to be hard stamped on frame
- Manufacturer's Serial Number to be welded on frame

Periodical assessment

For retention of the Type Approval, a DNV GL Surveyor shall perform a survey every 2nd year and before the expiry date of this certificate to verify that the type approval is complied with.

END OF CERTIFICATE