DNV·GL

Certificate No:
TAS00000HS

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
Offshore Container

Issued to
Generon IGS
Houston, TX, United States

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	**44092 lb**	**20000 kg**
Max. payload	**31742 lb**	**14398 kg**
Max. sling leg angle	**30°**	
Enhancement factor	**1.148**	

This Certificate is valid until **2021-07-11**.

Issued at **Houston** on **2016-07-10**

for **DNV GL**

DNV GL local station: **Houston**

Approval Engineer: **Aaron Grierson**

Meindert van Mierlo
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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Job Id: **262.1-022255-1**
Certificate No: **TAS00000HS**

Product description

Max. external dimensions (LxWxH)	:6058 x 2439x 2896 mm			
Tare	:12350	lbs	:5602	kg

Application/Limitation

Lifting Set Minimum WLL	:25.31	tons	:22.96	t
Shackle WLL	:10.97	tons	:9.50	t
Min Design Temperature	: -4°	F	: -20°	C
Minimum Pin Diameter	:1.26	in	:32	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 DNV1620H01 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