DNV·GL

Certificate No:
TAS00002KH

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Portable Offshore Units

with type designation(s)
Radiation Container Assembly

Issued to
HUTCHEON SERVICES LIMITED
Aberdeen, United Kingdom

is found to comply with
DNV GL standard DNVGL-ST-E273 – 2.7-3 Portable offshore units, December 2016

Application :

Max. gross mass (kg)	**9300**
Max. payload (kg)	**200**
Max. sling leg angle	**45**

Issued at **Aberdeen** on **2020-07-09**
This Certificate is valid until **2025-07-08** .
DNV GL local unit: **Aberdeen**

Approval Engineer: **Ronald Quiballo**

for **DNV GL**

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

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Product description

Maximum external dimensions (LxWxH) : 1575 x 1295 x 1591 mm
Tare mass* : 9100 kg
Type : A
Operational Class : R45

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

Application/Limitation

Minimum design temperature : -20 °C
Shackle size : 8.5 t

DNV GL surveyor to witness important production and test events and issue Form no. MOP 201 "Certificate for Portable Offshore Unit" for each unit.

This Design Review has not considered the carriage of Dangerous Goods. It is Owner's responsibility to ensure that all relevant IMDG requirements for transportation of Dangerous Goods are fully complied with.

Fork pockets are a smaller size than the minimum 200mm internal width specified in DNVGL-ST-E273 section 3.9.3.

Type Approval documentation

Tests carried out

Prototype No. CTN4008 was strength tested for both lifting arrangements, in accordance with DNVG-ST-E273.

Marking of product

Marking shall be carried out in accordance with DNVG-ST-E273 section 6.

Periodical assessment

In order to maintain the validity of the type approval certificate, periodical assessments should be carried out according to DNVGL-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

END OF CERTIFICATE