



Certificate No:
TAS000033E

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Portable Offshore Units

with type designation(s)
RB211 Engine Container

Issued to

RB Ross Steel Fabrications 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) **5000**
Max. payload (kg) **3000**
Max. sling leg angle **45**

Issued at **Aberdeen** on **2021-06-21**

This Certificate is valid until **2026-06-20** .

DNV local unit: **Aberdeen**

for **DNV**

Approval Engineer: **Ross MacDonald**

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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.



Form code: TA 281

Revision: 2021-03

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Product description

This type approval replaces TAS000009Z.

Maximum external dimensions (LxWxH)	: 3467 x 1957 x 1947 mm
Tare mass*	: 2000 kg
Type	: A
Operational Class	: R30

*) 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

Shackle size	: 3.25 t
Minimum design temperature	: -20 °C

This approval considers the lifting of the upper and lower frames connected as one unit only.

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

Type Approval documentation

Tests carried out

Prototype RWG-RB-0008 (1368-I) was tested in accordance with DNVGL-ST-E273.

Marking of product

Marking shall be carried out in accordance with DNVGL-ST-E273 Section 6.

Removable upper frame to be marked with unit's serial number. Frame to be stencilled with words to the effect of "removable upper frame shall be fitted during all lifting and transportation activities".

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