



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NO. **RCD-B-1038**

This is to certify that the
Fuel Tanks

with type designation(s)
ISO 21487 FUEL TANKS

Manufacturer
SVENNEVIG & ØDEGÅRD AS
HOMBORSUND, Norway

has been assessed with respect to
the conformity assessment procedure described in Annex VII (Module B) of
Council Directive 94/25/EC on Recreational Craft as amended by Directive 2003/44/EC, and found to comply with the applicable
requirements.

Further details are given overleaf.

Stockholm, 2014-11-07
for **DNV GL AS**



Notified Body No.: **0575**

Ake Brundin
Head of Section

Ville Höglund
Surveyor

The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or the applied standards may render this certificate invalid. The product liability rest with the manufacturer or his representative in accordance with Council Directive 94/25/EC as amended.

Except for any liability caused by DNV's gross negligence or wilful misconduct, DNV's maximum cumulative liability arising out of or related to the use or reliance of this document shall be limited to USD 300 000.

Jurisdiction

DNV is appointed by the Norwegian Ministry of Trade and Industry as a "Notified Body" under the terms of the Norwegian regulation - FOR 2004-12-20 nr. 1820 "Forskrift om produksjon og omsetning av fritidsfartøy m.v.", and - Article 9 of Council Directive 94/25/EC as amended.

Certificate history

This is the original Certificate.

Product description

- Welded petrol and diesel fuel tanks, maximum capacity 625 litres
- Tank materials aluminium alloys Al 5052 / 5754
- Plate thickness 4 mm
- Internal baffles in varying numbers may be fitted
- Inspection hatch cover of Al 6060 T6 or AISI 316L
- Fittings of AL 6060 / 6063 T6, minimum wall thickness of 2 mm

Applications/Limitations

- May be used on Recreational Crafts subject to CE-marking according to Council Directive 94/25/EC as amended.
- May be used for petrol and diesel fuel.

Technical documentation

- Drawings:
 - GF-23.B.A.KT-6.198L, dated 2010-06-01
 - GF-38.B.A.KT-6-TANK1, dated 2014-03-27
 - OCEAN-50.BB.D.A.VT-5, dated 2014-05-13
 - OCEAN-50.BB.B.A.VT-5-625L, dated 2014-05-20
 - GF-23.B.A.K.T-6.216I
 - GF-Tank-Lokk_A
 - GF-Tank-Rør_A
- Welding procedures WPQ 02-12 & WPQ 03-12, dated 2013-01-08
- Material certificates for Al 5754 H111 and AISI316
- Welder certificate for operators

Applied Standards/Tests carried out

- EN ISO 21487: 21487 "Small craft - Permanently installed petrol and diesel fuel tanks"
- Test Procedure: "Pulsation Test", document number OTE-900-C0-001, dated 2014-10-09
- Test Report: "Pulsation Test", document number OTE-900-D0-001, dated 2014-11-04

Terms and conditions

The following conditions may render this certificate invalid:

- Changes in the design or construction of the product
- Changes or amendments to the Directive
- Changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the Directive

Marking of product

This Certificate is concerned with the design of the product, only. In order to fully meet with the requirements of the Directive and legally affix the CE mark, the manufacturer shall have the final product and/or production assessed according to one of the procedures listed below and finally draw up an EC declaration of conformity.

Conformity assessment procedures for production:

- Conformity to type (Annex VIII/Module C)
- Production quality assurance (Annex IX/Module D)
- Product quality assurance (Annex XVI/Module E)
- Product verification (Annex X/Module F)

Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.