



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NO. **RCD-B-1030**

This is to certify that the
Fuel Tanks

with type designation(s)
"Drivstofftank Åstvedt"
Diesel fuel tanks with max. volume 800 litres

Manufacturer
Bergen Mekaniske AS
Øvre Ervik, 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, 2014-05-15
for **Det Norske Veritas 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 replaces the original Certificate RCD-B-315, issued 2007-11-23.
All Supplements issued after the issue of the previous Certificate have been incorporated.

Product description

- Welded diesel fuel tanks
- Tank materials are either of aluminium alloys Al 5052 / Al 5754 plates with Al 6060 spuds or stainless steel AISI 316L for both plates and spuds
- Plate thicknesses are varying within 2-8 mm for aluminium alloys and 1-5 mm for stainless steel dependent on un-stiffened panel sizes and aspect ratios
- Internal baffles in varying numbers may be fitted
- Inspection hatch cover of type WEMA -FLB/ -FLB-1 made of nylon

Applications/Limitations

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

Technical documentation

- Drawings:
 - M569-01-00 – Drivstofftank Åstvedt Diesel, max 800 liter, dated 2007-09-07
 - CE-044/-052 –Nylonflange FLB / FLB-1, dated 1997-02-21
- Welding procedures:
 - AA-01, -02, -03, -04 & -05, dated 2007-09-14
- Material certificates for Al 5052/H32, Al 5754/H22 & AISI 316L
- Technical information for bending radiuses for Al 5052/H32 & Al 5754/H22
- Welder certificate for operators

Applied Standards/Tests carried out

- ISO 21487 Small craft - Permanently installed petrol and diesel fuel tanks
- Pressure testing: - DNV Test report, dated 2007.09.04

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.

END OF CERTIFICATE