DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NO. RCD-B-200

This Certificate consists of 3 pages

This is to certify that the product

Recreational Craft Propulsion Engine

274.17

with type designation(s)

Bukh DV24-32-36-48

Manufactured by

Aabenraa Motorfabrik, Heinrich Callesen A/S

Aabenraa, Denmark

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 in Annex 1 B of the Directive

Further details are given overleaf.

Place and date
Høvik, 2006-10-24
for DET NORSKE VERITAS

CE

Notified Body No.: 0575

Magnar Eide
Head of Section
Naval Ships, HSLC, & Yachts

Asbjørn Lønmo
Certification Responsible

Notice: 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 Standards referenced above may render this certificate invalid.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

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

Four stroke diesel engine

Cylinder bore: 85 mm Piston stroke: 85 mm

Engine model	Rating (kW)	Engine speed (RPM)	No. of cylinders	Charging
DV24	17.6	3600	2	Natural aspirated
DV32	23.5	3600	2	Turbo charged
DV36	26.5	3600	3	Natural aspirated
DV48	35.3	3600	3	Turbo charged

Applications/Limitations

The engine models are approved for use in recreational craft.

Type Approval documentation

Tests carried out

Exhaust emission test according to EN ISO 8178.

Test documented by Test Reports for engine models DV36/DV48 with serial no. 8088 attended by DNV. Test reports dated 2006-03-09 and 2006-09-11 signed and stamped by DNV.

Marking of product

Each engine shall be clearly marked with information as required in Annex 1 B.1 of the Directive

Terms and conditions

The product liability rests with the manufacturer, his representative or, in the absence of a representative, the importer, in accordance with the General Product Safety Directive 2001/95/EC.

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)

This Certificate is concerned with the design of the product, only. In order to fully meet with the requirements of the Directive, the manufacturer must also 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