



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NO. **RDC-B-1025**

This is to certify that the
Recreational Craft

with type designation(s)
Tornado 11M

Manufacturer
Guangzhou Tornado Boats Co., Ltd
Guangzhou, China

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, 2013-01-15
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 is the original Certificate.

Product description

Type designation:	Tornado 11m		
Type of craft:	Powercraft	CIN kode:	DK-TBICNTNYxxxx
Type of hull:	RIB monohull	Construction material:	FRP & Plastic
Length of hull (Lh), m:	10,85	Light craft cond. mass (m_{LCC}), k g:	2500
Beam of hull (Bh), m:	2,90	Fuel system: (fixed or portable)	fixed
Propulsion:	Outboard	Type of engine(s):	Petrol

Applications/Limitations

Design category:	C
Maximum number of persons, CL:	19
Maximum engine power, prop. shaft, kW:	675 kW
Maximum load (m_{MPL}), kg:	1825 kg
Maximum load as stated on Builder's Plate, kg: (Including outboard engine)	2425 kg

Applied Standards

RCD	Standard/Rules	RCD	Standard/Rules	RCD	Standard/Rules
1A-2	EN ISO 8666:2002	1A-3.4	EN ISO 6185-4:2011 EN ISO 12217-1:2002/A1:2009 EN ISO 9093-1:1998	1A-5.2	EN ISO 10088:2009 EN ISO 21487:2006/AC:2009
1A-2.1	EN ISO 10087:2006	1A-3.5	EN ISO 6185-4:2011 EN ISO 12217-1:2002/A1:2009 EN ISO 15083:2003	1A-5.3	EN ISO 10133:2000
1A-2.2	EN ISO 6185-4:2011 EN ISO 14945:2004/AC:2005	1A-3.6	EN ISO 6185-4:2011 EN ISO 14946:2001/AC:2005	1A-5.4	EN ISO 10592:1995
1A-2.3	EN ISO 6185-4:2011 EN ISO 15085:2003/A1:2009	1A-3.7	EN ISO 6185-4:2011	1A-5.5	N/A
1A-2.4	EN ISO 6185-4:2011 EN ISO 11591:2011	1A-3.8	N/A	1A-5.6	EN ISO 9094-1:2003
1A-2.5	EN ISO 6185-4:2011 EN ISO 10240:2004	1A-3.9	EN ISO 6185-4:2011	1A-5.7	1972 COLREG
1A-3.1	EN ISO 6185-4:2011 EN ISO 12215-1:2000 EN ISO 12215-2:2002 EN ISO 12215-4:2002 EN ISO 12215-5: 2008 EN ISO 12215-6: 2008	1A-4	EN ISO 6185-4:2011	1A-5.8	N/A
1A-3.2	EN ISO 6185-4:2011 EN ISO 12217-1:2002/A1:2009	1A-5.1	EN ISO 11547:1996	1C	N/A
1A-3.3	EN ISO 6185-4:2011 EN ISO 12217-1:2002/A1:2009				

Technical documentation

Title and version/date: Tornado 11M 13 Oct., 2012 as amended

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