

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

**This is to certify:****That the Diesel Fuel Tanks**with type designation(s)  
**Ferretti FE 450**

Manufacturer

**ROTO Podjetje za predelavo in trzenje d.o.o.**  
**Murska Sobota, Slovenia**

Has been assessed with respect to Directive 2013/53/EU of the European Parliament and of the Council according to conformity assessment procedure "Module B" described in Annex II of the Decision No 768/2008/EC of the European Parliament and of the Council, and found to comply with the applicable requirements.

Further details are given overleaf.

Issued at **Hamburg** on **2016-07-21**DNV GL local station:  
**Hamburg Special & Light Craft,**  
**IWV & EC**Approval Engineer:  
**Jörg Weiberg**Notified Body  
No.: **0098**for **DNV GL SE**-----  
**(Dir Masanneck)**  
**Head of Certification Body**

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 Directive 2013/53/EU of the European Parliament and of the Council.

## **Jurisdiction**

DNV GL is appointed by the Central Authority of the German Federal States for Safety (ZLS) as a "Notified Body" in accordance with § 15(1) of the Product Safety Act (ProdSG) to carry out conformity assessment procedures on Recreational Crafts in the scope of ProdSG and Directive 2013/53/EU according to the administrative decision No. ZLS-Z1471-2015/1-1.

## **Certificate history**

This is the original Certificate.

## **Product description**

Diesel Fuel Tank intended for Ferretti FE 450, volume 650 ltrs.

## **Applications/Limitations**

Weight of the tested sample 65,0 kg

## **Technical documentation**

Drawing of the tank Ferretti FE 450, port 1  
Drawing of the tank Ferretti FE 450, port 2  
Drawing of the tank Ferretti FE 450, stbd 1  
Drawing of the tank Ferretti FE 450, stbd 2  
Survey Report dated 2016-07-13  
Record of storage temperature  
Diagrams of leakage tests  
Technical specification of PE used

## **Applied Standards/Tests carried out**

Visual inspection regarding compliance with EN ISO 21487:2012  
Storage of filled tank with diesel for 28 days at average temperature above 21°C  
Leakage test with air 1.5 times the highest hydrostatic pressure = 20 kPa  
Pressure test with water and hydrostatic pressure 20 kPa  
Fire resistance test according to clause 7.4 of the standard  
Leakage test of tank after fire resistance test with pressure of 18 kPa  
Check of wall thickness (tank cut in pieces)

## **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 as described in Annex II of the Decision No 768/2008/EC of the European Parliament and of the Council:



Job Id: **341.3-000144-1**  
Certificate No: **RCDB000002E**

- Conformity to type based on internal production control (Module C)
- Conformity to type based on internal production control plus supervised product testing (Module C1)
- Conformity to type based on quality assurance of the production process (Module D)
- Conformity to type based on product quality assurance (Module E)
- Conformity to type based on product verification (Module F)

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