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CERTIFICATION APPLICATION
PERMANENTLY INSTALLED PETROL
AND DIESEL FUEL TANK
Ref.: EN ISO 21487:2018

FOR **IMCI / IMCI (UK)** USE ONLY
Report No.: **FT**

Manufacturer:		
Address:		
City:		
Postal Code:		
Country:		
VAT #:		
Signatory, Name:		
Signatory, Title:		
Phone:		
Email:		
WWW:		
Model Name:		
Model Year:		
Head of Engineering:		

This application is valid for:		**Indicate**
Directive 2013/53/EU (RCD II) related to CE marking for EU.	[Yes, No]	
Recreational Craft Regulation (RCR) related to UKCA marking for United Kingdom	[Yes, No]	

	Subject to check	**Clause**	**Requirements**	**Unit**	**As tested**
1	Fuel type	8	[**P**etrol, **D**iesel, **b**oth]		
2	Tank capacity	8		[litres]	
3	Tank material	8	[Material type]		
4	Nominal material sheet thickness	4.3.9		[mm]	
5	Allowable test pressure	8		[kPa]	
6	Maximum fill-up height above tank	8		[m]	
7	Maximum temperature to which the tank may be exposed (non-metallic only)	8		°C	
8	All seals such as gaskets, o-rings and joint-rings are non-wicking, i.e. non-fuel absorbent material.	4.1.1	[Yes ?]		
9	All materials used are resistant to deterioration by the fuel for which the system is designed and to other liquids or compounds with which the material can come in contact as installed under normal operating conditions, e.g. grease, lubricating oil, bilge solvents and sea water.	4.1.2	[Yes?]		
10	Provisions are made for determination of fuel level or quantity.	4.3.1	[Yes ?]		
11	Metal tank is installed that no exterior surface will trap water.	4.3.2	[Yes / NA ?]		
12	Rigid fuel suction tubes and fill pipes which extend to the tank bottom have sufficient clearance to prevent contact with the bottom during normal operation.	4.3.3	[Yes / NA ?]		
13	If baffles are provided, the open area of the baffle is ≤ 30% of the tank cross-section in the plane of the baffle.	4.3.5	[Yes / NA ?]		
14	Baffle openings do not prevent fuel flow across the bottom or trap vapour.	4.3.6	[Yes / NA ?]		
15	The fuel fill pipe has a minimum inside diameter of 28,5 mm.	4.3.7	[Yes ?]		
16	The ventilation pipes have a minimum inside diameter of 11 mm (= 95 mm²), or has a ventilation opening designed to prevent the tank pressure from exceeding 80% of max. test pressure.	4.3.8	[Yes ?]		
17	Metallic tank material and thicknesses comply with the requirements	4.3.9	[Yes / NA ?]		
18	Diesel tanks equipped with inspection hatch(es); min. diameter 120 mm at suitable position for cleaning and inspection.	4.3.10	[Yes / NA ?]		
19	Diesel inspection hatch accessible when tank is installed.	4.3.10	[Yes / NA ?]		
20	Non-integral tank installed so that loads are safely introduced into the structure.	4.4	[Yes / NA ?]		
21	If petrol tank, not integral with hull.	5.1.1	[Yes / NA ?]		
22	If petrol tank, all fittings and openings are on top, except metallic fill and ventilation pipes which are welded to the tank but reach above the tank top.	5.1.2	[Yes / NA ?]		
23	If petrol tank, tank drains are existing.	5.1.3	[No / NA ?]		
24	If petrol tank, the leakage test requirements are met .	5.2.1	[Yes / NA ?]		
25	If petrol tank, the pressure-impulse test requirements are met	5.2.2	[Yes / NA ?]		
26	If metallic petrol tank: alternativ method instead of pressure-impuls test are met.	5.2.2	[Yes / NA ?]		
27	If alternative method used: test pressure used	5.2.2	[Yes / NA ?]		
28	If alternative method used: documentation for plating thickness according ISO 12215-5 and information about welding quality attached.	5.2.2	[Yes / NA ?]		
29	If a non-metallic petrol tank, the fire test requirements are met	5.2.3	[Yes / NA ?]		

Manufacturer:	
Model Name:	
Model Year:	

	Subject to check	Clause	Requirements	Unit	As tested
30	Diesel integral fuel tank in cored hull, the core does not deteriorate from exposure and fuel does not migrate.	6.1.1	[Yes / NA ?]		
31	Diesel integral fuel tank is in accordance with ISO 12215-5.	6.1.2	[Yes / NA ?]		
32	Fittings in the bottom, sides or ends have at each connection a shut-off valve directly coupled to the tank. Each valve is protected or located to prevent physical damage or is of ≥ 25 mm nominal diameter.	6.1.3	[Yes / NA ?]		
33	Diesel fuel tank drain, where fitted, has a shut-off valve with a plug on the outlet that can only be removed by the use of tools, or the handle of the drain shut-off valve is removable with the valve in its closed position.	6.1.4	[Yes / NA ?]		
34	Diesel tank meet the leakage test requirements	6.2.1	[Yes / NA ?]		
35	Diesel tank meet the pressure test requirements	6.2.2	[Yes / NA ?]		
36	If installed in engine compartment, a non-metallic diesel tank is fire tested.	6.2.3	[Yes / NA ?]		
37	Fuel tank is tested in a configuration representing all accessories (fittings, gauges, hatches) as specified by the tank manufacturer.	7.2.1	[Yes]		
38	Thermoplastic tanks has been pre-conditioned for 28d at 21°C	7.2.1	[Yes]		
39	Hydraulic pressure/strength test has been conducted with correct pressure and time	7.2.1	[Yes]		
40	Pressure-impulse test has been conducted for petrol fuel tank after meeting 7.2	7.3	[Yes]		
41	General fire-restistance test of non-metallic fuel tanks has been conducted after meeting 7.2	7.4	[Yes / NA ?]		
42	As-installed fire-resistance test of non-metallic fuel tank(s) has been conducted after meeting 7.2.	7.5	[Yes / NA ?]		
43	Marking as required	8	[Yes ?]		
44	Specify type of laboratory: in-house or/and external?				
45	Provide a calibration report for the following and/or other measuring instruments used, if applicable:				
46	Pressure gauge				
47	Pressure impulse cycle device				
48	Temperature measuring device (e.g. thermocoupler, thermometer)				
49	Other measurement device(s) if mentioned in the test report				
50	Name of external laboratory, if used				
51	Reference number of test report(s)				
52	Test report and drawing of the fuel tank must be submitted with application		[Yes]		
53	Comments:				

As the manufacturer or his authorised representative, I declare under our sole responsibility that the above product(s) to which this declaration relates is in conformity with ISO 21487. This application has not been lodged with any other notified body and/or conformity assessment body.

Date (yymmdd) and Signature:

Manufacturer:

Model Name:

Model Year:

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IMCI / IMCI (UK) Inspector (if applicable)

I declare under our sole responsibility that I have not been active for the manufacturer in design, construction, marketing or other activities. The contenct of these forms have been checked.

Evaluation by Inspector: Stamp, Clear Name, Signature and Date:

Comments on Evaluation by Inspector:

IMCI / IMCI (UK) office

Application review

Application accepted for IMCI: clear name, date (yymmdd) [Yes, No]

Application accepted for IMCI (UK): clear name, date (yymmdd) [Yes, No]

Comments to application or reason(s) if refused:

Evaluation

Evaluation by office (if applicable): Clear Name, Signature and Date (yymmdd):

Comments on Evaluation by office:

Review

Review by office: Clear Name, Signature and Date (yymmdd):

Comments on Review by office:

The certification decision is made by signing and dating the corresponding IMCI certificate