





Boat Safety

Boat Safety Scheme

Checklist

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EA-Recruitment + Navigation Box 1



British Waterways



ENVIRONMENT
AGENCY

Notes

Introduction

Listed on the following pages are the only faults which would result in your boat not meeting the boat safety requirements. If your boat fails the examination, a Failure Certificate will be issued to you which will show, by fault number, why your boat has failed. By checking against the fault description in this booklet, you can identify what the failure points are in order to rectify them and have the boat re-examined.

Certain remedial work on your boat can be dangerous to you or someone nearby. Seek professional advice if you are not sure what to do.

Do I need to prepare my boat for the examination?

Yes. Most of the checks the surveyor or examiner will be making on your boat are visual. The surveyor or examiner is not expected to use any tools in doing the examination and if they are unable to gain access to certain areas of the boat, they will be unable to complete the examination. It is extremely **IMPORTANT** therefore that you prepare your boat for the examination.

Checklist

Standard	Item	Fault Description	Fault No.
2.1	Filling Pipe	Not taken to deck level	2.1.1
	Filling Pipe	Not arranged to prevent fuel entering any part of vessel	2.1.2
2.2	* Filling Pipe	Not of prescribed minimum internal diameter	2.2.1
		* EXEMPTION APPLIED	2.2.2
	Filling Pipe	Not of non-kinking material	2.2.3
	Filling Pipe	Not of material suitable for use with petrol	2.2.4
	Filling Pipe	Not of material suitable for use with fuel oil	2.2.5
	Filling Pipe	Not connected with leak proof joints to the top of the tank	2.2.6
	Filling Pipe	Not connected with leak proof joints to the screwcap or plate	2.2.7
	Filling Pipe	Deck filling connection not outside coaming	2.2.8
10.4	Water Intakes	Opening below waterline not fitted with directly adjacent valve/cock	10.4.1
	Hull Opening Valve	Not readily accessible	10.4.2
10.5	Ventilation Labels	Not fitted	10.5.1
	Ventilation Labels	Not prominently displayed	10.5.2
10.6	* Glass	Not to BS 952 Part 1	10.6.1
	* Acrylic/polycarbonate Material	Not of suitable material	10.6.2
		* EXEMPTION APPLIED	10.6.3
10.7	Unpowered Hotel Boats	Not complying with Standard 6.1	10.7.1

	* Sanitation System	Sanitary system does not comply with BS MA 101	9.1.2
		* EXEMPTION APPLIED	9.1.3
10.1	Lifebuoy	Not provided	10.1.1
	Lifebuoy	Not carried in a readily accessible position	10.1.2
10.2	Hand/guardrails	Not fitted	10.2.1
	Hand/guardrails	Not of adequate strength	10.2.2
	Hand/guardrails	Not of adequate length	10.2.3
10.3	Hull Opening	Lowest point not positioned greater than 250mm above normal laden waterline nor is it watertight up to 250mm	10.3.1
	Hull Opening	Self draining cockpit opening not approved	10.3.2
	Weed Hatch Cover	Cover not at least 150mm above normal laden waterline	10.3.3
	Weed Hatch Cover	Not watertight when secured	10.3.4
	Filling Pipe	Not adequately supported	2.2.9
	Filling Pipe	Not of minimum practicable length	2.2.10
	Filling Pipe	Joints/connections not readily accessible	2.2.11
2.3	Deck connections	Not minimising risk of cross contamination	2.3.1
	Deck connections	Not clearly marked 'PETROL'	2.3.2
	Deck connections	Not clearly marked 'PETROIL'	2.3.3
	Deck connections	Not clearly marked 'PARAFFIN'	2.3.4
	Deck connections	Not clearly marked 'DIESEL'	2.3.5
	Deck connections	Not clearly marked 'LPG BUTANE/PROPANE' as appropriate	2.3.6
	Deck connections	Not clearly marked 'WATER'	2.3.7
	Deck connections	Not clearly marked 'PUMP OUT'	2.3.8
	Deck connections	Not clearly marked 'RINSE OUT'	2.3.9
	Deck connections	Marking not on deck fitting nor immediately beside deck connections	2.3.10

2.4	Vent Pipe	Not of minimum practicable length	2.4.1
	* Vent Pipe	Not fitted	2.4.2
		* EXEMPTION APPLIED	2.4.3
	* Vent Pipe	Less than prescribed minimum internal diameter	2.4.4
		* EXEMPTION APPLIED	2.4.5
	Vent Pipe	Not fitted at highest point of fuel tank	2.4.6
	Vent Pipe	Not connected with leak proof joints	2.4.7
	Vent Pipe	Not of non-kinking material	2.4.8
	Vent Pipe	Not of suitable material for use with petrol	2.2.9
	Vent Pipe	Not of suitable material for use with fuel oil	2.4.10
2.5	Vent Pipe	Not extended to a height equal to or greater than that of the deck filling connection	2.5.1
	Vent Pipe	Open end not fitted in a position where no danger will be incurred from escaping fuel or vapour	2.5.2
	Flue	Not of an approved type	8.8.3
	Draught Diverter	Not of an approved type	8.8.4
	Flue	Not properly fitted	8.8.5
	Draught Diverter	Not properly fitted	8.8.6
	Flue	Not of adequate internal diameter	8.8.7
	Flue	Not effectively insulated	8.8.8
	Flue	Not of suitable material	8.8.9
	Flue	Not ensuring safe passage of gases to outside of vessel	8.8.10
8.9	Water Heaters	Water inlet not piped from cold water system	8.9.1
8.10	Ventilation	Ventilation not in accordance with BS 5482 Part 3	8.10.1
	* Ventilation	Ventilation not permanent	8.10.2
		* NOTE APPLIED	8.10.3
9.1	Sanitation System	Not capable of being sealed or rendered inoperable	9.1.1

	Materials		
	Woodwork/Combustible Materials	Not protected against excessive heat when adjacent to lighting appliance	8.5.3
	Woodwork/Combustible Materials	Not protected against excessive heat when adjacent to refrigerating appliance	8.5.4
8.6	Domestic Cooking Appliance	Not secured	8.6.1
	Domestic Heating Appliance	Not secured	8.6.2
	Domestic Lighting Appliance	Not secured	8.6.3
	Domestic Refrigerating Appliance	Not secured	8.6.4
8.7	Oil/LPG Appliances	Installed in the PETROL engine space	8.7.1
8.8	Flue	Not fitted to appliance which requires flue	8.8.1
	Draught Diverter	Not fitted to appliance which requires draught diverter	8.8.2
	Vent Pipe	Not fitted with an effective prescribed flame arrester	2.5.3
	Vent Pipe	Flame arrester mesh less than 11/linear centimetre	2.5.4
	Vent Pipe	Total area of gauze clear openings less than cross section of air pipe	2.5.5
2.6	Fuel Tank	Not properly secured	2.6.1
	Fuel Tank	Not as low as practicable	2.6.2
	Fuel Tank	Not of a suitable non-corrosive material	2.6.3
	Fuel Tank	Not sufficiently fire resistant (BS 476 Part 20)	2.6.4
	* Fuel Tank	Not marked to indicate pressure test (0.25kg/cm ²)	2.6.5
		* EXEMPTION APPLIED	2.6.6
	Fuel Tank	Joints/seams not efficiently made to sustain pressure test	2.6.7
2.7	Fuel Tank	Petrol/paraffin tank of more than 2.5 litres and less than 1 metre from engine/heating appliance and not insulated by an efficient fireproof baffle	2.7.1
2.8	* Tube Sight Gauge	Glass/plastic used	2.8.1

	* Fitted Fuel Level Indicator	Can allow escape of fuel or vapour if damaged	2.8.2
	* Fitted Dipstick	Not calibrated	2.8.3
	* Fitted Dipstick	Fitting not gas tight	2.8.4
	* Dipstick	Can strike bottom of tank	2.8.5
		* EXEMPTION APPLIED	2.8.6
2.9	Fuel Tank	Not accessible for inspection	2.9.1
	Fuel Tank	Connections not readily accessible for inspection	2.9.2
2.10	Fuel Tank	Not effectively bonded to deck filling connection	2.10.1
	Fuel Tank	Not effectively bonded to an earth point	2.10.2
2.11	* Fuel Tank	Drain valve not suitable	2.11.1
		* EXEMPTION APPLIED	2.11.2
2.12	* Fuel Supply Lines	Connections not through top or as near as practicable to top of tank	2.12.1
	Gravity Fuel Supply	Gravity feed system cock/valve not fitted to tank	2.12.2

	Refrigerator	Air for combustion not piped as specified	8.2.3
8.3	Catalytic Appliance	No flame failure device fitted	8.3.1
	Appliances with pilot light	No flame failure device fitted	8.3.2
	Appliances with continuous flames	No flame failure device fitted	8.3.3
	Catalytic Appliance	Does not comply with BS 5258 Part 11	8.3.4
8.4	Fuel Oil Appliance	No shut off valve/cock	8.4.1
	Fuel Oil Appliance	Shut off valve/cock not readily accessible	8.4.2
	Fuel Oil Appliance	Shut off valve/cock not within the same compartment	8.4.3
	Fuel Oil Appliance	Shut off valve/cock not at safe distance	8.4.4
8.5	Woodwork/Combustible Materials	Not protected against excessive heat when adjacent to cooking appliance	8.5.1
	Woodwork/Combustible	Not protected against excessive heat when adjacent to heating appliance	8.5.2

	LPG Pipe Joints	Not made with compression fittings	7.13.3
	LPG Pipe Joints	Not rigidly secured	7.13.4
7.14	Approved LPG Test Point(s)	Not fitted	7.14.1
	Approved Point(s)	Not fitted at furthest practicable point from supply	7.14.2
8.1	Fuel Installation	For cooking not in accordance with appropriate parts of these Standards	8.1.1
	Fuel Installation	For heating not in accordance with appropriate parts of these Standards	8.1.2
	Fuel Installation	For refrigerating not in accordance with appropriate parts of these Standards	8.1.3
	Fuel Installation	For lighting not in accordance with appropriate parts of these Standards	8.1.4
8.2	Refrigerator in petrol engined vessel	Pilot light/Burner not completely enclosed	8.2.1
	Refrigerator in petrol engined vessel	Air for combustion not drawn/exhausted through approved flame trap	8.2.2
	* Return Fuel Line	Connections not through top or as near as practicable to top of tank	2.12.3
		* EXEMPTION APPLIED	2.12.4
2.13	Fixed Fuel Pipe	Not copper/stainless steel/aluminium alloy or for diesel only mild steel	2.13.1
	Fuel Pipe	Not fixed clear of exhaust system	2.13.2
	Fuel Pipe	Not fixed clear of heating apparatus	2.13.3
	Fuel Pipe	Not adequately supported	2.13.4
	Balance Pipe	Fitted in non diesel fuelled installation	2.13.5
	Balance Pipe	Not of suitable material	2.13.6
	* Balance Pipe	Not fitted with valves attached to tank	2.13.7
		* EXEMPTION APPLIED	2.13.8
	Balance Pipe Valves	Not constructed to remain leakproof when operated	2.13.9
2.14	Flexible Tubing	Not approved outside the engine compartment	2.14.1
	Flexible Tubing	Not suitable for the fuel used	2.14.2

	Flexible Tubing	Not of a minimum practicable length	2.14.3
	Flexible Tubing	Bore greater than half its outside diameter	2.14.4
	Flexible Tubing	Not of reinforced/fire resisting quality (BS EN ISO 7840/DIN 4798)	2.14.5
2.15	Fuel Pipe	Connections permanently charged with fuel not efficient screwed/compression/cone/brazed/flanged joints	2.15.1
2.16	Fuel Filters	Not suitable for marine use	2.16.1
	Fuel Filters	Not of fire resistant quality	2.16.2
2.17	Fuel Cock	Not fitted	2.17.1
	Fuel Cock	Not fitted as near as possible to the fuel tank	2.17.2
	Fuel Cock	Not readily accessible	2.17.3
	Fuel Cock	Location not clearly marked	2.17.4
	Petrol Cock	Not immediately accessible from steering position nor is there means of operating main cock from steering position	2.17.5
	Petrol Cock	No means of operating main cock from steering position	2.17.6
	Fixed Pipework	Not adequately protected against deterioration	7.11.5
7.12	LPG Pipework	Not installed above bilge water level	7.12.1
	LPG Pipework	Installed adjacent to electric cables	7.12.2
	LPG Pipework	Installed adjacent to exhaust pipes	7.12.3
	LPG Pipework	Installed in a position prejudicial to safety	7.12.4
	LPG Pipework	Not in gas proof conduit through petrol engine compartment	7.12.5
	LPG Pipework	Not in gas proof conduit through compartment containing electrical equipment	7.12.6
	LPG Pipework	Not in gas proof conduit through battery compartment	7.12.7
	LPG Pipework	Not jointless through petrol engine compartment	7.12.8
	LPG Pipework	Not jointless through compartment containing electrical equipment	7.12.9
	LPG Pipework	Not jointless through battery compartment	7.12.10
7.13	LPG Pipe Joints	Not kept to minimum	7.13.1
	LPG Pipe Joints	Not readily accessible	7.13.2

	portable appliance		
7.8	Self contained Portable Appliance	Not stored in compartment as specified	7.8.1
7.9	Flexible Tubing	Not to BS 3212 type 2	7.9.1
	Flexible Tubing	Not of minimum practical length	7.9.2
7.9(i)	Flexible Tubing	Not used for the immediate connection to containers/regulators	7.9.3
	Flexible Tubing	Extended to interior of vessel	7.9.4
	Flexible Tubing	Outside a vented container housing	7.9.5
7.9(ii)	Flexible Tubing	Not used to connect portable appliance to control point	7.9.6
7.10	Fixed Pipework	Not copper nor stainless steel	7.10.1
7.11	Fixed Pipework	Not as short as practicable	7.11.1
	Fixed Pipework	Not run as high as practicable	7.11.2
	Fixed Pipework	Not rigidly secured	7.11.3
	Fixed Pipework	Not adequately protected against mechanical damage	7.11.4
2.18	Fuel Pipes	Not installed above bilge water level	2.18.1
2.19	Carburettor	Not fitted with drip tray	2.19.1
	Carburettor Drip Tray	Not spirit tight	2.19.2
	Carburettor Drip Tray	Not covered with copper/brass gauze	2.19.3
	Carburettor Drip Tray	Not of flame arresting mesh	2.19.4
	Carburettor Drip Tray	Mesh not soldered to the tray all around	2.19.5
	Carburettor Drip Tray	Not removable nor fitted with emptying cock	2.19.6
	Air Intake	Not fitted with flame trap nor air filter	2.19.7
2.20	Engine	Not securely installed	2.20.1
2.21	* Engine	No means of reversing operable from steering position	2.21.1
		* EXEMPTION APPLIED	2.21.2
	Engine	Stop control not located as near to steering position as practicable	2.21.3
2.22	Engine Tray	Not made of a suitable material	2.22.1

	* Engine Tray	Sides not carried as high as practicable	2.22.2
		* EXEMPTION APPLIED	2.22.3
	Engine Tray	Not fitted beneath engine/gear box	2.22.4
	Engine Tray	Does not prevent oil escaping into vessel/overboard	2.22.5
	Engine Tray	Fixed bilge pump fitted in oil tight area	2.22.6
2.23	Engine	Cylinders not effectively cooled	2.23.1
	Exhaust System	Not effectively cooled	2.23.2
	Exhaust Pipe	Not effectively lagged or shielded	2.23.3
2.24	Silencer	Exhaust noise not effectively suppressed	2.24.1
2.25	Pressure System	No current Pressure System Certificate	2.25.1
	Boiler	No current Pressure System Insurance Policy	2.25.2
	Boiler	LPG installation does not comply with Part 7 of these Standards	2.25.3
	Boiler	Fuel system does not comply with Part 2 of these Standards	2.25.4
7.5	Main LPG Valve(s)	Not readily accessible at all times	7.5.1
	Main LPG Valve(s)	Not visible and position not clearly marked	7.5.2
7.6	Pressure Regulator not directly connected	Not securely fixed	7.6.1
	Pressure Regulator not directly connected	Not suitably protected	7.6.2
	Pressure Regulator	Not contained in specified compartment if it exists	7.6.3
	Flexible Connection	Not to BS 3212 type 2	7.6.4
	Flexible Connection	Not fitted to facilitate replacement of cylinders	7.6.5
	Pressure Regulator	External manual adjustment type fitted	7.6.6
7.7	LPG Point for portable appliance	Not provided with a readily accessible isolation tap	7.7.1
	LPG Point for	Not provided with readily accessible bayonet/screwed connection	7.7.2

	Compartment/Box	Vent pipe or opening not at least 12mm int. diameter for up to & including 15kg gas capacity	7.2.12
	Compartment/Box	Vent pipe or opening not enlarged proportionately for more than 15kg gas capacity	7.2.13
7.3	* Compartment/Box	Not of specified construction	7.3.1
		* EXEMPTION APPLIED	7.3.2
7.4	LPG Container	Not installed in upright position	7.4.1
	LPG Container	Not installed with valve uppermost	7.4.2
	LPG Container	Adjacent to cooking appliance	7.4.3
	LPG Container	Adjacent to heating appliance	7.4.4
	LPG Container	In engine compartment	7.4.5
	LPG Container	In fuel compartment	7.4.6
	LPG Container	In battery compartment	7.4.7
2.26	LPG Engines	Installation not in compliance with LPG Code of Practice 18	2.26.1
	LPG Engines	Dual fuel system not allowed	2.26.2
3.1	Battery	Not securely installed	3.1.1
	Battery	Compartment not adequately ventilated	3.1.2
	Battery	Not covered with insulating and non-corrosive material	3.1.3
	Battery	Fitted beneath/adjacent PETROL/LPG tank	3.1.4
	Battery	Fitted beneath/adjacent PETROL/LPG cylinder	3.1.5
	Battery	Fitted beneath/adjacent PETROL/LPG cock	3.1.6
	Battery	Fitted beneath/adjacent PETROL/LPG pipe	3.1.7
	Battery	Fitted beneath/adjacent PETROL/LPG filter	3.1.8
3.2	Electric Cables	Not of adequate current carrying capacity	3.2.1
	Electric Cables	Not of suitable construction	3.2.2

	Electric Cables	Not of suitable grade	3.2.3
	Electric Cables	Not insulated and/or sheathed	3.2.4
	Electric Cables	Not adequately supported nor run in supported suitable conduit	3.2.5
3.3	Main Circuits	Not installed above bilge water level	3.3.1
	Electric Circuits	Not protected with fuses/circuit breakers of appropriate rating	3.3.2
	Electric Circuits	Not protected with fuses/circuit breakers of appropriate design	3.3.3
3.4	Electric Cables	Not installed as high as is practicable	3.4.1
	Electric Cables	Not run clear of all sources of heat	3.4.2
	Electric Cables	Run adjacent to fuel pipes not in suitable conduit	3.4.3
	Electric Cables	Run adjacent to gas pipes not in suitable conduit	3.4.4
	* Electric Cables	PVC cables not run clear of polystyrene insulation	3.4.5
		* EXEMPTION APPLIED	3.4.6
3.5	Master Switch	Not installed	3.5.1

	Soundness of LPG installation	Leak in system	7.1.3
	Pressure at Appliance	Not complying with manufacturer's specification	7.1.4
7.2(i)	LPG Containers on deck	Not secured	7.2.1
	LPG Containers on deck	Not away from hatches or other openings	7.2.2
7.2(ii)	LPG Containers not on deck	Not secured in a separate compartment/box	7.2.3
	LPG Containers	Not above water line	7.2.4
	Compartment/Box	Sides and bottom not gas proof	7.2.5
	Compartment/Box	No lid or cover	7.2.6
	Compartment/Box	Not of sufficient depth	7.2.7
	Compartment/Box	No provision for any escaping gas to be vented overboard	7.2.8
	Compartment/Box	Metal vent pipe not suitable for use with LPG	7.2.9
	Compartment/Box	Flexible vent pipe not suitable for use with LPG	7.2.10
	Compartment/Box	Direct opening not as near as practicable to bottom	7.2.11

6.4	* Exposed GRP	Fire retardant does not comply with Class 2 BS 476 Part 7	6.4.1
		* EXEMPTION APPLIED	6.4.2
6.5	* Thermal Insulation	Does not comply with Type A BS 3837 Part 1	6.5.1
		* EXEMPTION APPLIED	6.5.2
6.6	* Soft Furnishings/Fabrics/ Foam Material	Not of suitable fire resistant/non toxic material	6.6.1
	* Upholstery Fabric	Not to test standards of BS EN 1021 Parts 1 and 2	6.6.2
		* EXEMPTION APPLIED	6.6.3
6.7	* Means of Escape	No two means of escape from accommodation areas	6.7.1
	* Means of Escape	Opening not of minimum dimensions	6.7.2
		* EXEMPTION APPLIED	6.7.3
7.1	LPG Installation	Not installed to BS 5482 Part 3	7.1.1
	Burner flames	Not steady and of the correct proportions	7.1.2
	Master Switch	Not capable of disconnecting system	3.5.2
	Master Switch	Not in a readily accessible position	3.5.3
	Master Switch	Not as close to battery as possible	3.5.4
	Master Switch	Not capable of carrying maximum current of system	3.5.5
	Master Switch	Bilge pump/security alarm/fire pump/navigation equipment circuits by-passing the master switch not separately protected by fuses or circuit breakers	3.5.6
	Master Switch	Position not clearly marked	3.5.7
3.6	Main Leads	Not fitted with soldered or pressure crimped connectors	3.6.1
	Starter Motor Leads	Not fitted with soldered or pressure crimped connectors	3.6.2
	Spark Plug Leads	Not supported clear of engine block/cylinder head	3.6.3
3.7	* Electrical Device	Fitted in PETROL compartment not ignition protected	3.7.1
	* Electrical Device	Fitted in GAS compartment not ignition protected	3.7.2
		* EXEMPTION APPLIED	3.7.3

3.8	Electrical Equipment	Not two wire insulated	3.8.1
	Engine Circuits	No low resistance return conductor between battery and engine	3.8.2
3.9	Spark Ignition and Generating Systems	Not effectively suppressed against radio/TV interference	3.9.1
	Electrical Equipment	Not effectively suppressed against radio/TV interference	3.9.2
4.1	Electric Propulsion	Installation does not comply with Part 3 of these Standards	4.1.1
	Electric Propulsion	Installation does not comply with British Standards	4.1.2
	Electric Propulsion	Installation does not comply with IEE Regulations	4.1.3
4.2	Batteries	Not stowed in accordance with IEE Regulations	4.2.1
	Batteries	Inadequate ventilation	4.2.2
4.3	Propulsion Motor	Not securely installed	4.3.1
4.4	Propulsion Motor	No effective means of reversing	4.4.1

	Fire Extinguishers	Not maintained in good condition	6.1.4
	* Fire Extinguishers	Less than minimum fire rating (individual)	6.1.5
	* Fire Extinguishers	Less than minimum combined fire rating	6.1.6
	* Fire Extinguishers	Less than the requisite number	6.1.7
		* EXEMPTION APPLIED	6.1.8
	Portable Fire Extinguisher	Not capable of discharge into engine space without fully opening primary access	6.1.9
6.2	Fire Extinguisher Fixed System	Remote release device not readily accessible from outside risk space	6.2.1
6.3	Fire Blanket	Required but not fitted	6.3.1
	* Fire Blanket	Not at least to 'light duty' BS 6575	6.3.2
		* EXEMPTION APPLIED	6.3.3
	Fire Blanket	Not ready for immediate use	6.3.4
	Fire Blanket	Not kept near to cooking facilities	6.3.5

5.5	LPG Engines	Installation not in compliance with LPGA Code of Practice 18	5.5.1
	LPG Engines	Dual fuel system not allowed	5.5.2
5.6	Outboard Engine	Not securely fitted	5.6.1
5.7	Exhaust Noise	Not effectively suppressed	5.7.1
5.8	Portable LPG/Petrol engines/ Generators with integral tanks	Not stowed in accordance with Standards 7.2 and 7.3 of these Standards	5.8.1
	Portable Diesel Generators with integral tanks	Not stowed in accordance with Standards 7.2 and 7.3 of these Standards	5.8.2
	Portable Diesel Generators	Not stored securely	5.8.3
	Portable Diesel Engines	Not stored securely	5.8.4
6.1	Fire Extinguishers	Not of an approved type	6.1.1
	Fire Extinguishers	Not readily accessible	6.1.2
	Fire Extinguishers	Not adjacent to fire risk points	6.1.3a
	Propulsion Motor	No effective means of reversing operable from steering position	4.4.2
4.5	Master Switch	Not fitted	4.5.1
	Master Switch	Does not disconnect supply to propulsion motor	4.5.2
	Master Switch	Not operable from steering position	4.5.3
4.6	Charging Leads	Not 3 core flexible cable	4.6.1
	Charging Leads	Not of adequate current carrying capacity	4.6.2
	Charging Leads	Not of suitable construction and grade	4.6.3
	Charging Plug	Not splash-proof category of BS EN 60309 Part 2	4.6.4
4.7	Charging Panel	Not adequately ventilated	4.7.1
	Charging Panel	No positive switch	4.7.2
	Charging Panel	Charging warning light not fitted	4.7.3
4.8	Battery	Exhaust ventilation fan not automatically switched	4.8.1
4.9	Motor Compartment	Not adequately ventilated	4.9.1

	Controller Compartment	Not adequately ventilated	4.9.2
5.1	Deck Connections	Not minimising risk of cross contamination	5.1.1
	Deck Connections	Not clearly marked 'PETROL'	5.1.2
	Deck Connections	Not clearly marked 'PETROIL'	5.1.3
	Deck Connections	Not clearly marked 'PARAFFIN'	5.1.4
	Deck Connections	Not clearly marked 'DIESEL'	5.1.5
	Deck Connections	Not clearly marked 'LPG BUTANE/PROPANE' as appropriate	5.1.6
	Deck Connections	Not clearly marked 'WATER'	5.1.7
	Deck Connections	Not clearly marked 'PUMP OUT'	5.1.8
	Deck Connections	Not clearly marked 'RINSE OUT'	5.1.9
	Deck Connections	Marking not on deck fitting nor immediately beside deck connections	5.1.10
5.2	Fuel Systems	Permanent systems not fixed/constructed to Parts 2.1 - 2.19 of these Standards	5.2.1
	Fuel Systems	Permanent systems not suitably protected against external impact	5.2.2
	Fuel Systems	Permanent pipework not suitably protected against external impact	5.2.3
	Fuel Systems	Permanent fuel cocks not suitably protected against external impact	5.2.4
5.3	Portable/close coupled Fuel Tank	Not in sound condition	5.3.1
	Portable/close coupled Fuel Tank	Fuel supply not capable of being readily shut off	5.3.2
	Portable/close coupled Fuel Tank	Unauthorised modifications made	5.3.3
	Portable Fuel Tank	Not clearly marked with type of fuel used	5.3.4
	Portable Fuel Tank not in use	Not stowed in accordance with Standards 7.2 and 7.3 of these Standards	5.3.5
5.4	Spare Petrol	Not carried in approved containers conforming to Petroleum Spirit Regulations	5.4.1
	Spare Petrol containers	Not stowed in accordance with Standards 7.2 and 7.3 of these Standards	5.4.2