

# SOUTH AFRICAN MARITIME SAFETY AUTHORITY



## SAFETY SURVEY CHECKLIST: CATEGORY D, E and R PLEASURE (REGULATION 37 NON-PASSENGER)

The various Acts and Merchant Shipping (National Small Vessel Safety) Regulations place the onus on the owner and in some cases the master as well, to ENSURE that the vessel and the crew comply with the requirements of the regulations at all times.

**PURPOSE:** To *Assist and Guide* the Vessel Owner/Owner Representative to prepare the vessel for a Safety survey.

**SAMSA SURVEYORS:** To *ensure* that the Owner, Master and Crew comply with relevant Legislation as well as Industry Safety Standards, they do not act as vessel superintendent and therefore do not release the Owner, Master and Crew from their accountability and responsibility to ensure that the vessel complies with Legislation and Best Industry Practises.

<b>OWNER/OWNERS REPRESENTATIVE DECLARATION:</b>			
Vessel Name	<input type="text"/>	Inspection Date	<input type="text"/>
Official Number	<input type="text"/>	Length (m)	<input type="text"/>
Gross Tons	<input type="text"/>	kW or HP	<input type="text"/>
I, being the <u>responsible person</u> for the abovementioned vessel, have read and completed the checklist, in preparation for the vessel's Safety Survey. I further understand that should the vessel not be ready for survey, the SAMSA SURVEYOR may terminate the survey/audit and that I will be invoiced as per SAMSA Policy.			
Responsible Person (Full Name)	<input type="text"/>	Signature	<input type="text"/>

**MSA Section 223. Surveyor may direct that defects be made good.**—(1) If upon the inspection of a vessel a surveyor finds that the provisions of section 73 or 221 or of the maritime occupational safety regulations are not being complied with, or that the vessel is not equipped as required by the construction regulations, the lifesaving equipment regulations, the radio regulations, the collision regulations or any other applicable regulations which may have been made or not marked as required by the load line regulations, or that the equipment is not in good condition, or that the deck lines or load lines are not being properly maintained, or that the master and crew cannot demonstrate the related competency at their place or places of duty, he shall give notice in writing to that effect to the owner or master, pointing out the deficiencies or defects and requiring that they be made good. (2) A copy or every notice so given shall be transmitted by the surveyor to the proper officer at any port at which a clearance for that vessel may be requested, and a clearance shall not be granted, and the vessel shall be detained, until a certificate under the hand of a surveyor is produced stating that the deficiencies or defects have been supplied or made good.

### **APPLICATION:**

**Pleasure Vessels, except passenger vessels that are:**

**Category E & R: Power Driven, not exceeding 15 horse power, and**

**Category D, E & R: Sailing Dinghies and non-power driven less than 7m in length**

**Category D: Vessels operating less than 5 nautical miles from shore**

**Category E: Vessels operating not more than 1 nautical mile from shore and 15 miles from an approved launch site**

**Category R: Vessels operating solely on sheltered waters**

**Sheltered waters: includes: tidal lagoon; tidal river; waters within the breakwaters of a port; and inland waters.**

**Inland waters: waters of any dam, lagoon, lake, river or wetland, which are not tidal waters**

**Pleasure vessel: A vessel that is used solely for sport or recreation**

**Commercial vessel: A vessel that is not a pleasure vessel**

**Passenger vessel: A vessel that carries more than 12 passengers**

**Passenger: Any person carried on a vessel, except persons employed as crew; rescued survivors and infants under one year of age**

**Pleasure vessels list above, are not required to be inspected or issued with a Certificate of Fitness, however, owners must ensure compliance with the regulations. Skippers are not required to hold a Certificate of Competence. It is recognised that a large variety of vessels of this Category are found on our waters, owners are encouraged to consult with SAMSA where uncertainty in compliance exists.**

<b>SAFE ACCESS</b>			
<i>SAMSA surveyors have instructions to issue a "prohibition order" requiring that all work on board be halted and access to the vessel be denied until safe access is provided to the satisfaction of the surveyor, this includes enclosed space.</i>			
ACCOMMODATION LADDERS AND GANGWAYS	Access equipment must be of good construction, sound material and adequate strength, free from patent defect and properly maintained. Gangways should not be used at an angle of more than 30° from the horizontal, unless designed and constructed for use at greater angles. Gangways should not be fixed to the ship's railings unless designed for such use. If rigged in an open section in the ship's bulwark or railings, any remaining gaps should be adequately fenced.		
<b>ABBREVIATIONS</b>			
MSA	Merchant Shipping Act, No57 of 1951	NSVSR	Merchant Shipping (National Small Vessel Safety) Regulations, 2007

**WHO SHOULD SURVEY YOUR VESSEL?**

Pleasure vessels of this category are not required to be inspected or certificated by SAMSA or an Authorised Agency. Owners must ensure compliance with the regulations by self-regulation.

<b>Competent and Responsible Manning</b>		v
Crewing Regulation 14	The owner of a vessel must ensure that the vessel is operated under the constant guidance of a skipper who is physically able and of sound mental health. In addition the owner must ensure that the vessel is sufficiently and efficiently manned for the intended voyage or operation.	
Essential Safety Information Regulation 7	On EVERY occasion and BEFORE the vessel is operated the skipper must; .1 Ensure that every person aboard receives essential and appropriate safety information; such as the location of the safety appliances and equipment aboard as well as instruction in the use of such items; and .2 Ensure that the safety appliances and equipment are inspected, fit and ready for use.	
Fuel reserve Regulation 8	A reserve of not less than 25% over and above the requirement for the intended voyage	
Operational Limits Regulation 10	No person may operate a vessel beyond the distance from shore for the category it is licensed.	
Carrying persons in excess Regulation 11	Owners must not exceed the number of persons carried onboard their vessels, as specified by the manufacturer, when operating their vessels.	
Voyage information Regulation 12	Before a vessel goes to sea, the particulars of the vessel and the names of the crew are to be left with the harbour master, at the launch site, or in certain cases, relatives, a police station or responsible person. Where local authorities or authorized agents have implemented reporting mechanisms, these shall be complied with. Upon returning from sea or the voyage, the person or authorities with whom the voyage information were left, must be informed accordingly.	
Vessels in distress and reporting dangers Regulation 13	It is the duty of a skipper to report dangers to navigation and assist persons in distress.	
Physical and mental fitness Regulation 17	No person may operate a vessel or vessel's equipment whilst under the influence of alcohol or drugs. No person may operate a vessel if he/she is not physically able to do so and/or of sound mental health.	
BUOYANCY Regulation 37	Vessels are to have sufficient buoyancy to keep the vessel <u>afloat</u> when completely swamped.	

<p>(3) Power-driven vessels not exceeding 15 horsepower, sailing dinghies and non-power driven vessels of less than seven metres in overall length need not comply with regulations 6, 9, Part 4 and Annexure 1, but must—</p> <p>a) <i>Have sufficient buoyancy to keep the vessel afloat when completely swamped; and</i></p> <p>b) Carry the safety equipment provided for in the applicable table in Annexure 2.</p> <p>[Sample buoyancy certificate attached, may be completed by owner, if original certificate is not issued by manufacturer.]</p>	<p>Definition of <u>afloat</u> for CAT D &amp; E and R:</p> <p><u>CAT D &amp; E</u>: Swamped vessel must provide a level platform able to support the full complement of persons onboard the vessel, whether the vessel is upright or capsized.</p> <p><u>CAT R</u>: Swamped vessel must provide a buoyant section onto which the full complement of persons onboard the vessel can hold, whether the vessel is upright or capsized.</p> <p>Compliance with buoyancy must be proved by calculation or test, showing that the vessel will stay afloat when completely swamped (filled with water). This information may be presented in a buoyancy certificate.</p> <p><u>NOTE</u>: There is NO requirement for built-in buoyancy if the vessel can survive swamping as described above. Normally these boats are manufactured to survive swamping.</p> <p><u>Additional Built-in Buoyancy</u>:</p> <p>Where additional built-in buoyancy is required to ensure compliance with above it must consist of a material such as closed cell polyurethane foam, or approved plastic bottles that are not affected by oil or oil products to the satisfaction of the authority. If oil products are not carried on the vessel, then any suitable material may be used for buoyancy.</p> <p>Built-in buoyancy arrangements must be such that the provisions and condition thereof can be reasonably inspected at every inspection.</p>	
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<b>SAFETY APPLIANCES AND EQUIPMENT: Reg 37 vessels</b>			
<b>Annexure 2(1)(2) of National Small Vessel Safety Regulations, 2007.</b>			
Safety Item No	Description	Remarks	V
1	<p>Approved Buoyancy aid One per Person</p> <p>To be fitted with the following:</p> <ol style="list-style-type: none"> <li>Whistle</li> <li>Lifting loop</li> <li>Retro-reflective material</li> </ol> <p>These devices provide for continuous wear and provide lift, without significant face-up turning ability</p> <p>Where the people onboard the vessel are NOT competent swimmers, SAMSA strongly recommends that sufficient level 100 lifejackets be provided.</p>	<p>SANS 12402-5 Level 50</p> <p><u>Pleasure Vessels</u> PFD's to be worn by:</p> <ol style="list-style-type: none"> <li>every child under 12 (twelve) years of age on deck whilst the vessel is underway</li> <li>when directed by the skipper</li> <li>persons engaged in water skiing activity</li> </ol> <p>The limitations of a buoyancy aid must be taken into account by the skipper and the use of such buoyancy aid in lieu of a lifejacket should only be allowed when circumstances dictate as determined by a proper risk assessment by the skipper.</p> <p>SAMSA advises recreational vessels to consider the wisdom of wearing a comfortable buoyancy aid at all times whilst on the water.</p> <p>SAMSA strongly recommends an approved light; if operating at night.</p>	v
2	750 ml of drinking water	ONLY for vessel operating at sea, not required for sail boards.	
3	Unexpired approved projectile flare set	Minimum of 6 flares. Not required for cat R vessels, who should carry any alternative means of communication.	
4	Suitable tow line	Not less than 10m in length, not required for sail board.	
5	Bailing device	Only on vessels that are not self-draining	
6	Capsize or righting line	ONLY for multi-hull vessels.	
Annex 2(1)(3)(2)	Trailer to be marked	IF vessel is trailer borne the following markings must be carried: Vessels Name Owners Name Emergency contact details.	
Annex 2(1)(4)	EPIRB/PLB Emergency Position Indicating Radio Beacon Personal Location Beacon	NOT required by regulation.  Where any EPIRB/PLB is carried, the EPRIB/PLB must be registered with the South African Search and Rescue Organisation.	

## REGULATION 37(3)(a) BUOYANCY CERTIFICATE

**CAT E&R Power driven vessels not exceeding 15HP and CAT D,E&R sailing dinghies and non-power driven vessel of less than 7m.**

Vessel Description and Category:

Construction:

Propulsion:

Buoyancy Requirement (Regulation 37(3)(a)): [See reg 37 checklist for clarity and requirements for cat D,E and R.]

**Vessels are to have sufficient buoyancy to keep the vessel afloat when completely swamped.**

Compliance

Insert details of theoretical calculation or photograph of practical test that shows compliance (swamped vessel that floats).  
If additional built-in buoyancy is carried, photographic evidence must be inserted here.

This vessel is suitable for use in the following categories (Delete the categories that are not applicable).

<p><b><u>Category R:</u></b> Tidal lagoons; Tidal Rivers; Waters within the breakwaters of a port and Inland waters.</p>	<p><b><u>Category E:</u></b> Within 1 nautical mile from shore and 15 nautical miles from an approved launch site.</p>	<p><b><u>Category D:</u></b> Within 5 nautical miles from shore.</p>
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Owner/Buoyancy Installer/Buoyancy Test Signature

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Date

This buoyancy certificate (or a copy of it) must be kept on board the boat and must be presented to an enforcement officer if required.