

**Table 2: Testing load height**

Compartment or structure to be tested	Testing load height, in m
Double bottom tanks	The greater of the following: $z_{ST} = z_{TOP} + d_{AP}$ $z_{ST} = z_{ml}$
Hopper side tanks, topside tanks, double side tanks, fore and after peaks used as tank, cofferdams	The greater of the following: $z_{ST} = z_{TOP} + d_{AP}$ $z_{ST} = z_{TOP} + 2.4$
Tank bulkheads, deep tanks, fuel oil bunkers	The greater of the following: $z_{ST} = z_{TOP} + d_{AP}$ $z_{ST} = z_{TOP} + 2.4$ $z_{ST} = z_{TOP} + 10p_{PV}$
Ballast hold	The greater of the following: $z_{ST} = z_{TOP} + d_{AP}$ $z_{ST} = z_h + 0.9$
Fore and aft peak not used as tank	The greater of the following: $z_{ST} = z_F$ $z_{ST} = z_{ml}$
Watertight doors below freeboard deck	$z_{ST} = z_{fd}$
Chain locker (if aft of collision bulkhead)	$z_{ST} = z_{TOP}$
Independent tanks	The greater of the following: $z_{ST} = z_{TOP} + d_{AP}$ $z_{ST} = z_{TOP} + 0.9$
Ballast ducts	Testing load height corresponding to ballast pump maximum pressure
where: $z_{ml}$ : Z co-ordinate, in m, of the bulkhead deck at side. $z_h$ : Z co-ordinate, in m, of the top of hatch coaming. $z_F$ : As defined in [3.2.1]. $z_{fd}$ : Z co-ordinate, in m, of the freeboard deck. $p_{PV}$ : Setting pressure, in bar, of safety valves.	

*RCN 1 to July 2010 version (effective from 1 July 2012)*

Table 1: General testing requirements

Item number	Structural to be tested	Type of testing	Structural test pressure	Remarks
1	Double bottom tanks	Structural testing <sup>(1)</sup>	The greater of the following: <ul style="list-style-type: none"> <li>• head of water up to the top of overflow</li> <li>• head of water up to the bulkhead deck</li> </ul>	Tank boundaries tested from at least one side
2	Double side tanks	Structural testing <sup>(1)</sup>	The greater of the following: <ul style="list-style-type: none"> <li>• head of water up to the top of overflow</li> <li>• 2.4 m head of water above highest point of tank</li> </ul>	Tank boundaries tested from at least one side
3	Tank bulkheads, deep tanks	Structural testing <sup>(1)</sup>	The greater of the following: <sup>(2)</sup> <ul style="list-style-type: none"> <li>• head of water up to the top of overflow</li> <li>• 2.4 m head of water above highest point of tank</li> <li>• setting pressure of the safety relief valves, where relevant</li> </ul>	Tank boundaries tested from at least one side
	Fuel oil tanks	Structural testing		
4	Ballast holds	Structural testing <sup>(1)</sup>	The greater of: <ul style="list-style-type: none"> <li>• top of overflow, or</li> <li>• top of hatch coaming</li> </ul>	
5	Fore peak and after peak used as tank	Structural testing	The greater of the following: <ul style="list-style-type: none"> <li>• head of water up to the top of overflow</li> <li>• 2.4 m head of water above highest point of tank</li> </ul>	Tank of the after peak carried out after the stern tube has been fitted
	Fore peak not used as tank	Refer to SOLAS Ch II.1 Reg.14		
	Aft peak not used as tank	Leak testing		
6	Cofferdams	Structural testing <sup>(3)</sup>	The greater of the following: <ul style="list-style-type: none"> <li>• head of water up to the top of overflow</li> <li>• 2.4 m head of water above highest point of tank</li> </ul>	