

Amendments to the “Rules for Testing and Certification of Marine Materials and Equipment”

Effective from 1/1/2025

List of the amendments:

Chapter/Table amended	Reason
Chapter 6, Table B	to align the workshop inspection requirements for valves for sea inlet and overboard discharge (Ch 6, Tab B, item 22) to those for class II valves (Ch 6, Tab K, items 26 and 27) as - according to the Rule for Classification of Ships - valves fitted on the ship side belong to class II (note (4) in Pt C, Ch 1, Sec 10, Tab 3) (Prop 273)

CHAPTER 6 REQUIREMENTS FOR INSPECTION AND TESTING OF PRODUCTS AT WORKSHOPS

1 General

1.1 Purpose

1.1.1 The following tables list the equipment and materials which are likely to be used for the construction and outfitting of a ship together with the minimum certification and testing required to be performed at the workshop before the delivery to the building shipyard.

1.2 Applicability

1.2.1 These tables are not to be considered as an alternative to or a substitute for the applicable Rule requirements. They are intended to summarise a large number of requirements located in various parts of different documents. In the event of discrepancy between the content of the tables and the applicable Rules and Standards, the latter are to be considered valid.

1.2.2 Products which are not considered in the following tables are to be dealt with as indicated in the applicable Rules and Standards and/or using the criteria stipulated in the tables for similar equipment, as agreed with Tasneef.

2 Content of the tables

2.1 Columns

2.1.1 The following tables have 13 columns, as follows:

- **COLUMN 1:**
supplies an identification number for the equipment or material considered
- **COLUMN 2:**
supplies a description of the equipment or material considered
- **COLUMN 3:**
indicates whether the certification is required for the classification of the ships by Tasneef Rules or by statutory regulations or by other Organisations, such as OIL
- **COLUMN 4:**
indicates which type of certificate is required; for the meaning of the symbols used see [2.2]
- **COLUMN 5:**
indicates whether the Rules require the submittal of technical documentation and design approval (see Chapter 2, [2.1] and [2.3]); whether type approval certification is required as a preliminary step towards the individual certification is also indicated

- **COLUMN 6:**

indicates whether the Rules require the approval of the manufacturer and of the Manufacturing process (see Chapter 2, [2.3])

- **COLUMN 7:**

indicates whether the Rules require that all or part of material testing is attended by a Tasneef Surveyor (see Chapter 2, [2.4]). When Workshop Certificates are normally accepted, the symbol **XM** is indicated in the column

- **COLUMN 8:**

indicates whether the Rules require that all or part of the materials or welds are subjected to NDT in the presence of the Tasneef Surveyor's or under his control. When Workshop Certificates are normally accepted, the symbol **XM** is indicated in the column

- **COLUMN 9:**

indicates whether the Rules require the Tasneef Surveyor's attendance at the workshop during certain steps of the manufacturing process (see Chapter 2, [2.5])

- **COLUMN 10:**

indicates whether the Rules require that a Tasneef Surveyor performs a final examination of the product (See Chapter 2, [2.6]) or the verification of the conformity with the approved type and checking of compliance with approved drawings as applicable. The verification of conformity may also be performed at the shipyard in connection with the installation on board of the equipment (See Chapter 2, [2.6]). When Workshop Certificates are normally accepted, the symbol **XM** is indicated in the column

- **COLUMN 11:**

indicates whether the Rules require that final tests are carried out in the presence of a Tasneef Surveyor. In the case of hydrostatic testing carried out in batches, the test is performed and certified by the Manufacturer and checks may be carried out by the Surveyor. When Workshop Certificates are normally accepted, the symbol **XM** is indicated in the column

- **COLUMN 12:**

indicates whether the completed equipment is to be subjected to a functioning and/or performance test in the presence of the Tasneef Surveyor (See Chapter 2, [2.7]). When Workshop Certificates are normally accepted, the symbol **XM** is indicated in the column

Table B : Workshop Inspections - Hull Equipment and Fittings (1/1/2025)

Table B (Sheet 1 of 3)

1	2	3	4	5	6	7	8	9	10	11	12
No.	PRODUCT	ORIGIN OF THE REQUIREMENT	TYPE OF CERTIFICATE	DRAWING OR DESIGN APPROVAL	MANUFACTURER AND/OR MANUFACTURING PROCESS APPROVAL	MATERIAL TESTING	NDT	SHOP ATTENDANCE DURING FABRICATION	FINAL INSPECTION AND/OR CONFORMITY VERIFICATION	FINAL TESTS	FUNCTIONING TESTS
1	Anchor windlasses	C	CT or CA	X		XM	X (4)		X	X (1)	X (1)
2	Anchors	C	CT or CA	X	X	X	X		X	X (2) (7)	
3	Ball type air pipe closing devices	B	TA						X		
3A	Bow chain stopper for SPM ships	C	CT or CA	TA		X			X	X	X
3B	Bow fairleads for SPM ships	C	CT or CA	TA		XM			X		
4	Chain stoppers	C	CT or CA	X (12)		XM			X	X (13)	X
5	Chain cables for anchors	C	CT or CA		X				X	X (3)	
6	Electric motors and electric apparatus for products 1, 8, 23, 26	SEE TABLE N									
7	Fittings for chain cables: - links, shackles, end links, swivels - pendants	C	CT or CA		X	X	X (4)		X	X (3)	
7A	Gear for operating watertight doors replacing hand operated sliding doors with an all round crank motion	B	ITA	TA					X	X	X
8	Hatch covers, shell and bottom doors, bow visor, loading ramps, movable decks	B	CT	X		X	X	X	X (6)		
9	High holding power anchors	C	CT or CA	TA	X	X	X		X	X (2) (7)	
10	Hull fittings for mooring or towing, without rotating components (bollards, bitts, chocks)	C	CT or CA	X (12)		XM			X		
10A	Hull fittings for mooring or towing, with rotating components (fairleads, rollers)	C	CT or CA	X (12)		XM			X	X (7) (13)	X
11	Hydraulic plants for products 1, 8, 23, 26	SEE TABLE L									
12	Scuppers	B	CT or CA	X					X	X	
13	Securing devices for hatch covers and shell doors (see item 8)	B	CT or CA	X		X	X		X		

Table B (Sheet 2 of 3)

1	2	3	4	5	6	7	8	9	10	11	12
No.	PRODUCT	ORIGIN OF THE REQUIREMENT	TYPE OF CERTIFICATE	DRAWING OR DESIGN APPROVAL	MANUFACTURER AND/OR MANUFACTURING PROCESS APPROVAL	MATERIAL TESTING	NDT	SHOP ATTENDANCE DURING FABRICATION	FINAL INSPECTION AND/OR CONFORMITY VERIFICATION	FINAL TESTS	FUNCTIONING TESTS
14	Sidescuttles, deadlights and windows	B	CT or CA	X (5)		X			X	X (6)	
15	Glass for sidescuttles and windows	B	CT or CA			XM			X	X (8)	
16	Steel bars for chains	C	CT or CA		X	X					
17	Steel or aluminium alloy masts	C	MA			XM					
18	Steel, raw or synthetic fibre ropes for standing running rigging, mooring warping, towing	C	CT or CA		X (11)				X	X (9)	
19	Stem, sternpost, rudder horn, rudder frames, shoe-pieces, shaft brackets, hawsepipes, etc.	C	CT	X		X	X	X	X	X	
20	Tow hooks	C	CT or CA	X		XM			X	X (7)	
21	Towing winches	C	CT or CA	X		XM	X (4)		X	X	X
22	Valves for sea inlet and overboard discharge	B	CT or CA	X (12)		X (11)	X (11)		X	X (10)	
22A	Watertight cable transits	B	TA								
23	Watertight doors Structure	B	CT or CA	X		X	X	X	X	X	
24	Watertight doors On-site manual pump for door control	B	ITA							X (10)	X
25	Weather-tight doors	B	CT or CA			XM			X	X	
26	Winches for fishing nets, windlasses, etc.	C	MA			XM					
27	External glass balustrades (14)	C	TA (15)								

Table B (Sheet 3 of 3)

1	2	3	4	5	6	7	8	9	10	11	12
No.	PRODUCT	ORIGIN OF THE REQUIREMENT	TYPE OF CERTIFICATE	DRAWING OR DESIGN APPROVAL	MANUFACTURER AND/OR MANUFACTURING PROCESS APPROVAL	MATERIAL TESTING	NDT	SHOP ATTENDANCE DURING FABRICATION	FINAL INSPECTION AND/OR CONFORMITY VERIFICATION	FINAL TESTS	FUNCTIONING TESTS
(1)	With verification of the disassembled parts after the test, as applicable Drop and hammering test on cast anchors may be omitted subject to preliminary agreement and additional tests. Proof load and breaking strength test per lots If and when requested by Tasneef Surveyor To be in accordance with a recognised Standard, otherwise design is to be approved Hose tests Proof load test Hydrostatic test on sample products randomly selected plus other particular tests as required by the Rules Breaking strength test Hydrostatic test when required by the Rules Approval of drawings is not required if the equipment is made in accordance with a recognised industry standard (e.g. ISO) Proof load test is not required if the equipment is made in accordance with a recognised industry standard Applicable to Passenger Ships Prototype pressure test required on glass supporting structure according to Pt E, Ch 11, Sec 3, [8.6.1] of the Rules, as an alternative to direct calculation. Prototype pendulum impact test to be carried out according to Pt E, Ch 11, Sec 3, [8.7.1] of the Rules.										
(2)											
(3)											
(4)											
(5)											
(6)											
(7)											
(8)											
(9)											
(10)											
(11)											
(12)											
(13)											
(14)											
(15)											

Table C : Workshop Inspections - Rudders and Steering Gear

(Sheet 1 of 2)

1	2	3	4	5	6	7	8	9	10	11	12
No.	PRODUCT	ORIGIN OF THE REQUIREMENT	TYPE OF CERTIFICATE	DRAWING OR DESIGN APPROVAL	MANUFACTURER AND/OR MANUFACTURING PROCESS APPROVAL	MATERIAL TESTING	NDT	SHOP ATTENDANCE DURING FABRICATION	FINAL INSPECTION AND/OR CONFORMITY VERIFICATION	FINAL TESTS	FUNCTIONING TESTS
1	Actuators	C	CT or CA	X		X	X		X	X (1)	
2	Electric motors and apparatus										