

EQUIPMENT TYPE	MANUFACTURING CODES / STANDARDS	INITIAL EXAM / TEST			PROOF LOAD TESTING								PERIODIC EXAM. REQ.			DOCUMENTATION REQUIREMENTS				FACTORS OF SAFETY										
		PRIOR TO FIRST USAGE	AFTER REPAIR / MODIFICATION	EVERY 5 YEARS (see note: 4)	% ABOVE SWL		EXCESS LOAD (t)		SWL x 1.22 + 20	SWL x 2.2	SWL x 2.5	OTHER	MTHS	M	M	CERT. OF CONFORMITY / TEST	DESTRUCTION SAMPLE CERT.	CALIBRATION CERTIFICATE	STRESS CALCULATIONS	FULL FABRICATION PACKAGE	OTHER	10:1	8:1	7:1	6:1	5:1	4.5:1	4:1	3.5:1	OTHER
1	CRANES (PEDESTAL / MOBILE) (UNDER 20t)	BS7121 / BS EN 13001 / API Spec 2C&D	●	●	◆	●	●									●	●	●	●											
2	CRANES (PEDESTAL / MOBILE) (20t-50t)	BS7121 / BS EN 13001 / API Spec 2C&D	●	●	◆			●								●	●	●	●											
3	CRANES (PEDESTAL / MOBILE) (OVER 50t)	BS7121 / BS EN 13001 / API Spec 2C&D	●	●	◆	●										●	●	●	●											
4	ELECTRIC OVERHEAD TRAVELLING CRANES	BS7121 / BS EN 13001 / ASME B30.2,11 & 17	●	●	◆	●										●	●	●	●											
5	MARINE LIFEBOAT DAVITS	BS ISO 15516 / SOLAS	●	●		●					▲					●	●	●	●					●						
6	WINCH (DAVIT)	SOLAS / Class Approval	●	●												●	●	●	●											
7	DAVIT BLOCKS & ASSOC. EQUIPMENT	BS ISO 15516 / SOLAS	●	●												●	●	●	●					●						
8	FORKLIFT TRUCKS	BS ISO 5057/BS EN1726-1/2/BS EN ISO3691/BS4436	●	●		●										●	●	●	●											
9	PALLET STACKERS	BS ISO 22915-4 / BS ISO 5766	●	●		●										●	●	●	●											
10	PALLET TRUCKS	BS EN ISO 3691-5	▲	▲												●	●	●	●											
11	PERSONNEL & GOODS LIFTS	BS2655 / BS5655 / BS 8486	●	●		●										●	●	●	●											
12	SUSPENDED CRADLES	BS 5974	●	●		●										●	●	●	●											
13	POWERED HOISTS (ELECTRIC)	BS EN 14492 / ASME HST-1 / ASME B30.16	●	●		●										●	●	●	●					●						
14	POWERED HOISTS (PNEUMATIC)	ASME HST-5 / ASME-HST-5	●	●		●										●	●	●	●						●					
15	MANUAL HOISTS (CHAIN BLOCKS)	BS EN 13157	●	●												●	●	●	●											
16	LEVER HOISTS (PULLIFTS)	BS EN 13157	●	●												●	●	●	●											
17	WIRE ROPE HOISTS ("TIRFORs")	BS EN 13157	●	●												●	●	●	●											
18	WIRE ROPES FOR ABOVE	BS EN 12385, BS ISO 4309	●	●												●	●	●	●											
19	BEAM TROLLEYS	BS EN 13157	●	●												●	●	●	●											
20	BEAM CLAMPS	BS EN 13155	●	●												●	●	●	●											
21	PLATE CLAMPS	BS EN 13155:2003+A2:2009	●	●												●	●	●	●											
22	SINGLE SHEAVE BLOCKS (UP TO 25t)	BS MA 47	●	●												●	●	●	●											
23	SINGLE SHEAVE BLOCKS (OVER 25t)	BS MA 47 / BS ISO 16625	●	●												●	●	●	●											
24	MULTI-SHEAVE BLOCKS (UP TO 25t)	BS MA 47 / BS ISO 16625	●	●												●	●	●	●											
25	MULTI-SHEAVE BLOCKS (OVER 25t)	BS MA 47 / BS ISO 16625	●	●												●	●	●	●											
26	CRANE HOOK BLOCKS (UP TO 25t)	BS MA 47 / BS ISO 16625	●	●												●	●	●	●											
27	CRANE HOOK BLOCKS (OVER 25t)	BS MA 47 / BS ISO 16625	●	●												●	●	●	●											
28	WINCH (PNEUMATIC)	BS EN 14492 / ASME B30.7	●	●		●										●	●	●	●											
29	WINCH (MAN-RIDING)	PUWER / LOLER / OEM Guidance	●	●												●	●	●	●					●						
30	WINCH (MANUAL)	BS EN 13157	●	●												●	●	●	●											
31	STABBING BOARDS	PUWER / LOLER / OEM Guidance / BS EN 1808	●	●		●										●	●	●	●											
32	RUNWAY BEAMS	BS2853 (see note 1)	●	●		●										●	●	●	●											
33	LIFTING BEAMS (UP TO & INC. 3t)	BS EN 13155 (see note 1)	●	●												●	●	●	●											
34	LIFTING BEAMS (OVER 3 UP TO & INC. 6t)	BS EN 13155 (see note 1)	●	●												●	●	●	●											
35	LIFTING BEAMS (OVER 6t UP TO & INC. 20t)	BS EN 13155 (see note 1)	●	●												●	●	●	●											
36	LIFTING BEAMS (OVER 20 UP TO & INC. 40t)	BS EN 13155 (see note 1)	●	●												●	●	●	●											
37	LIFTING BEAMS (OVER 40t)	BS EN 13155 (see note 1)	●	●		●										●	●	●	●											
38	HYDRAULIC RAMS & JACKS	BS EN 1494	▲	▲		■										●	●	●	●											
39	MANUAL JACKS	BS EN 1494	▲	▲												●	●	●	●											
40	OFFSHORE CONTAINERS	BS EN ISO 10855 / DNV 2.7-1	●	●	◆											●	●	●	●											
41	FREIGHT CONTAINERS	BS ISO 1496-5	●	●												●	●	●	●											
42	MOBILE WORK PLATFORMS	BS 8460 / BS EN 280	●	●		●										●	●	●	●											
43	FABRICATED PADEYES & CLAMPS	BS EN 13001 (see note 1)	●	●												●	●	●	●											
44	DYNAMOMETERS / CRANE WEAIGHERS	BS EN ISO 7500-1 / BS EN ISO 6892 (See note 2)	●	●												●	●	●	●											
45	LOADS CELLS	BS EN ISO 7500-1 / BS EN ISO 6892 (See note 2)	●	●												●	●	●	●											
46	SAFE LOAD INDICATORS / RCLs	BS7262 (1990) (see note 2)														●	●	●	●											
47	WIRE ROPE	BS ISO 4309 / BS EN 12385 / API Spec. 9	●	●																										★
48	WIRE ROPE (ON PASSENGER LIFTS)	BS ISO 4309 / BS EN 12385 / IMCA D 018	●	●																									★	
49	WIRE ROPE (DIVING OPERATIONS)	BS ISO 4309 / BS EN 12385	●	●																										★
50	WIRE ROPE (MAN-RIDING WINCHES)	BS ISO 4309 / BS EN 12385	●	●																										★
51	WIRE ROPE SLINGS	BS EN 13414:1-3 / ASME B30.9	●	●																										★
52	WIRE ROPE SLINGS (MULTI-LEG)	BS EN 13414:1-3	●	●																										★
53	CHAIN SLINGS-GRADE 80	BS EN 818-1 / ISO 3076 / ASME B30.9	●	●																										
54	CHAIN HOOKS & FITTINGS - GRADE 80	BS EN 1677	●	●																										
55	POLYESTER SLINGS	BS EN 1492 PT 1, 2 & 4 / ASME B30.9	●	●																										★
56	SHACKLES - ALLOY (UP TO 20t)	RR-C 27 1D TYPE IV, 13889 / DNV 2-22	●	●																										
57	SHACKLES - ALLOY (OVER 25t)	RR-C 27 1D TYPE IV, 13889 / DNV 2-22	●	●																										
58	SHACKLES - HIGHER TENSILE (UP TO 25t)	ISO 2415	●	●																										
59	SHACKLES - HIGHER TENSILE (OVER 25t)	ISO 2415	●	●																										
60	EYEBOLTS (BRITISH)	BS EN ISO 3266	●	●																										
61	EYEBOLTS (U.S.)	ASME B18 15M / ASME B30.26	●	●																										
62	RIGGING SCREWS (BRITISH)	BS4429	●	●																										
63	RIGGING SCREWS (TURNBUCKLES) (U.S.)	ASTM F1145	●	●																										
64	OPEN WEDGE SOCKETS (BRITISH)	BS EN 13411-6	●	●																										
65	OPEN WEDGE SOCKETS (U.S.)	RR-5-550E	●	●																										

LEGEND

- STATUTORY REQUIREMENTS
- ✱ COMPANY POLICY INCLUDES LIFTING MACHINES IN 6-MONTHLYS
- REFER TO SPECIFIC DESIGN CODES
- ▲ INITIAL FACTORY TEST
- △ FUNCTION TEST ONLY
- ▼ AMERICAN PATTERN BLOCKS
- ▽ REFER TO L.R.O.S. / D.N.V. PROCEDURE
- ◇ DESCENT RATE MUST ALSO FALL BETWEEN 90-180 FT / MIN AT THE DISCRETION OF THE INSPECTION BODY
- ACCEPTED PRACTICE
- MUST BE CALIBRATED ANNUALLY
- ★ SAMPLE TO BE DESTROYED TO VERIFY MATERIALS
- ☆ F.O.S. VARIES - REFER TO BS5655 / PD 6500
- ✱ METAL END FITTINGS ONLY
- ✱ PLUS N.D.T. REPORT
- ◆ API SPECIFICATION CRANES ONLY

NOTE 1 Lifting support steelwork such as runway beams, lifting frames, padeyes, etc. with no moving parts can have their periodicity extended to 12 months as long as:

- 1) They are not used for supporting personnel.
- 2) Their use is infrequent to the extent that wear is not an adverse factor and...
- 3) They are adequately coated / protected so that corrosion is not an adverse factor.

NOTE 2 In addition to the annual examination, safe load indicators must be function checked on a daily basis and checked for calibration weekly.

NOTE 3 Hand spliced terminations must not be subjected to proof-load testing as excessive loading can damage and weaken the splice.

NOTE 4 Si 2006 no 2184 (marine version of loler) requires that all ship's lifting equipment must be tested by a competent person every 5 years.