

# LLOYD'S PROVING HOUSE-NETHERTON, FOR TESTING ANCHORS AND CHAIN CABLES.

LICENSED BY THE BOARD OF TRADE,

UNDER THE CHAIN CABLE AND ANCHOR ACTS, 1864 TO 1874.

(27 & 28 VIC., CAP. 27-34 & 35 VIC., CAP. 101, and 37 and 38 VIC., CAP. 51.)

Breaking Machine No. 6. }  
Tensile Machine .. No. 7. } 1876 L.P.H.-N. B.T.

No. of this Certificate 3493 Netherton, near Dudley 21 March 1877

This is to Certify that the *Standard* Chain Cable described herein has been proved at the above Establishment to the appropriate strains for the size of Cable, as set forth in the Schedule of the Order in Council, dated the 12th day of May, 1874, which Order in Council specifies the various breaking and tensile strains to be applied to Chain Cables, by Apparatus and Machinery licensed subsequently to the 1st of January, 1873, by the Board of Trade, and at present licensed by the Board of Trade, and has been examined, after having been tested, weighed, and marked as under; and that the following particulars are correct.

Total length of Chain	80 fathoms	Cwt.	grs.	lbs.	Number of Swivels	None
Weight	41.1.0				Length of Link	6 1/4" 6 3/8"
Size / inch	Standard Link	No. of Shackles	Joining	End	Breadth of ditto	3 1/2" 3 3/8"
Breaking Strain (applied by Machine No. 6) to 3 Links cut out of each length of 15 fathoms					2 1/2 tons	
Tensile Strain (applied by Machine No. 7)					18 tons	
Mark 12262 R					L.P.H.-N. B.T.	

Maker's Name

Intended for Ship Tons

Per

Witness my hand,

SUPERINTENDENT

This form of Certificate is only to be used when Cables are tested in accordance with the Order in Council of the 12th May, 1874.

Appointed by the Committee of Lloyd's Register of British & Foreign Shipping.

180N521-0135



# CONDITIONS ON WHICH THIS CERTIFICATE IS ISSUED.

*Should the Chain described herein be lost or destroyed, this Certificate is to be returned to the Committee of Lloyd's Register of British & Foreign Shipping, for the purpose of being cancelled. If the Chain be impaired or otherwise altered, so as to destroy its identity with the Certificate, the facts are to be reported either to the Secretary or one of the Society's Surveyors, in order that the Certificate may be altered accordingly.*

## EXTRACT FROM THE RULES OF LLOYD'S REGISTER OF BRITISH & FOREIGN SHIPPING—TABLE No. 22.

### FOR STEAM VESSELS.

Numbers for Iron Vessels.	2750	3750	4670	5420	6170	6840	7500	8750	9800	10800	11830	12750	13670	15400	17000	18580	20160	21660	24580	27500	30330	33100	35750	41000	45100
Ship's Tonnage.	75	112	150	188	225	262	300	375	450	525	600	675	750	900	1050	1200	1350	1500	1800	2100	2400	2700	3000	3750	4500 to 5250
Minimum Sizes of Chains.	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	1	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	2	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{5}{8}$
Admiralty Proof.	$8\frac{5}{16}$	$10\frac{1}{8}$	$11\frac{1}{4}$	$13\frac{3}{8}$	$15\frac{1}{2}$	18	$20\frac{1}{4}$	$22\frac{1}{2}$	$25\frac{1}{4}$	$28\frac{1}{2}$	31	34	$37\frac{1}{2}$	$40\frac{1}{4}$	$43\frac{1}{2}$	$47\frac{1}{4}$	51	$55\frac{1}{2}$	$59\frac{1}{4}$	$63\frac{1}{2}$	$67\frac{1}{4}$	72	$76\frac{1}{2}$	$86\frac{1}{4}$	$96\frac{1}{2}$
Lengths required.	120	120	135	165	165	165	165	195	195	210	210	240	240	240	270	270	270	270	270	270	300	300	300	300	300

### FOR SAILING VESSELS.

Numbers for Iron Vessels.	1900	2500	3100	3650	4200	4700	5150	6000	6800	7550	82500	8900	9600	10800	12000	13200	14400	15500	17600	19600	21600	23400	25100	29400	33400
Ship's Tonnage.	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000
Minimum Sizes of Chains.	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	1	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	2	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{5}{8}$
Admiralty Proof.	$8\frac{5}{16}$	$10\frac{1}{8}$	$11\frac{1}{4}$	$13\frac{3}{8}$	$15\frac{1}{2}$	18	$20\frac{1}{4}$	$22\frac{1}{2}$	$25\frac{1}{4}$	$28\frac{1}{2}$	31	34	$37\frac{1}{2}$	$40\frac{1}{4}$	$43\frac{1}{2}$	$47\frac{1}{4}$	51	$55\frac{1}{2}$	$59\frac{1}{4}$	$63\frac{1}{2}$	$67\frac{1}{4}$	72	$76\frac{1}{2}$	$86\frac{1}{4}$	$96\frac{1}{2}$
Lengths required.	120	120	135	165	165	165	165	195	195	210	210	240	240	240	270	270	270	270	270	270	270	270	270	300	300