

## LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

No. ....

(Received at London Office, 28/4/88

## TESTS OF BOILER STEEL.

Tests of 23 Steel plates manufactured by Messrs John Brown of Sheffield for Boiler No. .... to be constructed by Messrs J Penn Sons of Deptford Pur for .....

Date first visit 21<sup>st</sup> April 1888 last visit ..... No. of visits 1

The plates specified in the accompanying copy of Advice Notes were rolled from 7 charges. The tensile test has been applied to 10 samples as set forth below, and the temper and bending tests to a shearing from each plate with good results.

When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

No.	Purpose.	Charge Mark.	No. of plates or bars in same charge	Mark on plate and test piece	Dimensions.			Ultimate Stress.		Exten. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1.				4967	355	1.27	450	13.5	30.0	20½	2 <sup>nd</sup> List
				"	35	1.27	444	13.5	30.4	22	3 <sup>rd</sup> List
2.	13.9 x 5.11½ x 3/8	4574B		115	35	1.77	619	18.5	29.8	20	
3.	" " "	243A		118	34	1.77	601	18.0	29.9	24	
4.	11.3 x 5.11½ x 3/8	286A		119	34	1.77	601	17.0	28.2	21	
5.	12.2 x 3.8 x 1/16	247A		121	42	1.77	743	20.5	27.5	26	
6.	11.7 x 4.8 x 3/8	243A		124	38	1.77	672	18.5	27.5	25	
7.	" " "	243A		130	38	1.77	672	19.0	28.2	24	
8.	16.7 x 5.11½ x 3/8	478B		4996	35	1.77	619	19.5	31.5	23	
		"		"	34	1.77	601	19.00	31.6	24	
9.	13.9 x 5.11½ x 3/8	478B		4998	35	1.77	619	18.5	29.8	23	
10.	16.7 x 5.11½ x 3/8	246A		5000	38	1.77	672	20.0	29.7	15	* Rejected
		"		"	38	1.77	672	19.0	28.2	16	* Rejected

\* Cross pieces

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by .....

Surveyor, Lloyd's Register,

London