

538
Recd 4/3/84
No. 1612

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office, 27 March 1884)

TESTS OF BOILER STEEL.

Tests of Steel plate manufactured by Messrs J. W. Beardmore of Parkhead, Glasgow for Boiler No. 452 to be constructed by Messrs Palmer & Co. of Jarrow for Messrs Palmer & Co. S.D. No. 528

Date first visit 22/2/84 last visit 29/2/84 No. of Visits 3

The plate specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to samples as set forth below, and the temper and bending tests to a shearing from each plate, with satisfactory 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.	%	
	6.0 x 48 x 3/4	L 11		732	.79	1.25	.987	27.76	28.1	27	
	5.5 x 42 x 3/4	A 2		756	.76	1.22	.934	26.24	28.	25	
	13.10 x 61 1/2 x 25 1/2	F 248		766	.77	1.26	.97	27.	27.8	26	
	7.1 x 76 x 7/8	F 20		836	.53	1.25	.662	18.48	27.9	24	
	4.5 1/2 x 60 x 4.5 1/2 x 9/16	D 8		847	.82	1.	.82	22.8	27.4	26	
	---	L 8		849	.84	1.	.84	23.3	27.7	22	
	19.4 x 4 x 52 1/4 x 7/8	D 14		870	.9	.98	.882	25.3	28.6	25	
	12.9 x 52 1/4 x 7/8	A 2		798	.89	1.01	.898	26.13	29.	27	
	4.5 1/2 x 60 x 4.5 1/2 x 9/16	A 9		820	.82	1.	.82	23.	28.	24	
	19.4 x 4 x 52 1/4 x 7/8	F 11		851	.89	.98	.872	24.95	28.6	27	
	6.5 x 5 x 9/16	L 5		839	.56	1.24	.694	19.4	27.9	30	

NWC791-0101

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Messrs J. W. Beardmore Glasgow
Surveyor, Lloyd's Register,
3/3/84