

Glasgow Report No. 6905.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 1442

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 98 Steel plate manufactured by Messrs. J. & W. Beardmore of Parkhead, Glasgow for Boiler No. 222 to be constructed by Messrs. J. & G. Thomson of Glasgow for Messrs. J. & G. Thomson's S. S. No. 222

Date first visit 24/3/84 last visit 14/4/84 No. of Visits 4

The plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 13 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.		
	4.4 x 40 1/2 x 1/2	K58		416	.48	1.54	.729	20.2	27.3	29	
	6.9 x 78 x 1/16	N46		365	.7	1.21	.847	23.3	27.5	31	
	7.2 x 40 x 1/2	D38		381	.47	1.55	.728	19.75	27.1	25	
	5.2 x 16 x 3/4	B64		242	.72	1.24	.892	23.15	28.1	30	
	9.6 x 40 x 1/2	K56		293	.49	1.21	.592	17.25	29.1	28	
	6.9 x 53 x 1/16	K31		271	.68	1.21	.822	23.45	28.5	21	
	" " "	K34		273	.68	1.26	.856	23.91	27.9	28	
	8.0 x 42 x 1/16	K244		423	.64	1.2	.832	23.19	27.8	28	
	18.1 1/2 x 73 x 1	K20		763	.97	1.	.97	28.76	29.6	30	
	" " "	F48		152	.98	1.02	.999	29.9	29.9	24	
	8.0 x 42 x 1/16	F63		656	.67	1.26	.844	23.4	27.7	28	
	18.1 1/2 x 73 x 1	F53		235	.97	1.	.97	28.41	29.2	24	
	" " "	F59		420	.1	1.	.1	30.	30.	2 1/2	

fm  
18/4/84

700-202579

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by Messrs. J. & W. Beardmore Glasgow



Jr G. Thomson  
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