

No. 1059

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 35 Steel Plate manufactured by Messrs. I & W. Beardmore of Parkhead, Glasgow for Boiler No. 77 to be constructed by Messrs. Muir & Houston of Glasgow for Messrs. Murdoch & Murrays S.S. No. 77

Date first visit 20/6/83 last visit 2/7/83 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 6 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.		
1	Front & back ends	A 171	1	1191	.78	1.14	889	25.2	28.3	30	
2	Shell plate	K 315	1	1155	.78	1.15	897	25.86	28.8	22	
3	Combust <sup>n</sup> Chamber	K 36	2	1159	.46	1.52	699	19.8	28.3	23.5	
4	"	A 171	1	1168	.44	1.53	673	18.74	27.8	24	
5	Front & back ends	K 213	1	1214	.57	1.27	723	20.71	28.6	27	
6	Tube plate	K 181	1	1362	.74	1.21	895	24.6	27.4	30	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

Messrs. I & W. Beardmore

Surveyor, Lloyd's Register,

28.7.83



Miss M. M. M. 77  
M. M. M. 77.



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Foundation