

Glasgow Report No. 6554.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

No. 1112.

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 106 Steel Bars manufactured by Messrs. J. & W. Beardmore of Parkhead, Glasgow for Boiler No. 391 to be constructed by Messrs. R. Napier & Sons of Glasgow for Messrs. R. Napier & Sons' S.P. No. 391

Date first visit 11/7/83 last visit 27/7/83 No. of Visits 3

The Bars specified in the accompanying copy of Advice Notes were rolled from 3 charges. The tensile test has been applied to 10 samples as set forth below, and the temper and bending tests to a sample cut from each bar, 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	Stays 1 3/8 dia?	1372	40	1	1 diameter	.7854	21.38	27.2	29		
2	" " "	"	"	9	"	"	22.04	28.	31		
3	" 1 1/2 "	"	"	11	"	"	21.7	27.6	27		
4	" 2 1/2 "	7151	34	1	"	"	21.5	27.3	28		
5	" " "	"	"	12	"	"	21.65	27.5	31.5		
6	" " "	10283	32	19	"	"	21.75	27.7	30		
7	" " "	"	"	28	"	"	21.2	27.	29		
8	" " "	"	"	23	"	"	21.35	27.1	30		
9	" " "	7151	"	16	"	"	21.86	27.8	29		
10	" " "	"	"	15	.99	.7697	22.07	28.6	31		

Note. These bars were rolled in 39 lengths.

D.S.
17/8/83

Fee £ : :
Expenses £ : :
£ : :

To be paid by

Messrs. J. & W. Beardmore

Surveyor, Lloyd's Register,

Mr. Andrew

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Glasgow
15/8/83

9120-861575