



No. 901

(Received in London Office)

TESTS OF BOILER STEEL.

Tests of 34 Steel Plate manufactured by Messrs J. & W. Beardmore of Parkhead for Boiler No. 74 to be constructed by Messrs Muir & Struthers of Glasgow for

Date first visit Mar 22nd 1883 last visit April 2nd 1883 No. of Visits 4

The 34 Plates specified in the accompanying copy of Advice Notes were rolled from 24 charges. The tensile test has been applied to 4 samples as set forth below, and the temper and bending tests to a shearing from each plate with satisfactory results

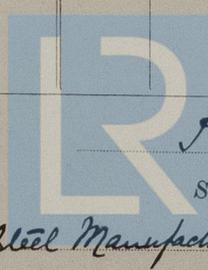
When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

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	End plate	B41	1	1076	.7	1.22	.854	24.7	28.7	24.	
2	Shell	B23	1	1122	.65	1.18	.767	21.86	28.4	26.	
3	"	B98	1	1236	.66	1.25	.825	22.25	26.9	28.5	
4	Furnace top	F33	2	1284	.47	1.38	.648	19.44	30.	21	

W.P.
4/6/83

9800-561575

Fee £ : :
Expenses £ : :
£ : :

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H. M. Dove
Surveyor, Lloyd's Register, 2.6.83
To be paid by The Steel Manufacturers Glasgow

Muir & Houston 74



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Foundation

REGISTER OF BOILER PLANT

FROM RECORDS OF BOILER AND MACHINERY ENGINEERS

