



TESTS OF BOILER STEEL.

Tests of 15 Steel plates manufactured by Messrs. J. & W. Beardmore of Parkhead, Glasgow for Boiler No. 272 to be constructed by Messrs. Duma Stewart & Co. Glasgow for Messrs. Burrell & Sons, S.S. Nos. 27 & 28

Date first visit 18/2/84 last visit 10/3/84 No. of Visits 6

The plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 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.		
	14 3/8 x 6 3/8 x 3/4	260		240	.75	1.22	.915	24.9	27.2	30	
	15.0 1/2 x 6 3/8 x 3/4	249		786	.76	1.23	.934	26.8	28.6	26	
	4 1/2 dia x 9/16	221		326	.56	1.3	.728	20.85	28.6	29	

J.S. 17/3/84

Fee £ : :
 Expenses £ : :
 £ : :

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

W. Andrew
 Surveyor, Lloyd's Register,
 Glasgow

13/3/84

D. Stewart
27 x 28



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Foundation

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THIRTIETH ANNIVERSARY