

No. 1321

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 22 Steel Plate manufactured by Messrs. J. W. McFarlane of Parkhead, Glasgow  
for Boiler No. 104 to be constructed by Messrs. J. & F. Thomson of Glasgow  
for Messrs. C. Connell & Co. S.P. No. 12/87

Date first visit 17/10/83 last visit 29/10/83 No. of Visits 4

The Plate 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 specimen 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.		
	75" x 15 1/2 x 1/2	13217		1824	.98	1.01	.989	27.41	27.7	27	
	16.6 x 7 3/4 x 3/4	1260		1047	.75	1.24	.93	25.64	27.5	27.5	
	82 x 63 x 1/2	1207		1428	.82	1.12	.918	25.1	27.3	20.	

D.F.  
12/12/83

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

To be paid by Messrs. J. W. McFarlane Glasgow  
Surveyor, Lloyd's Register,  
Foundation



J. & J. Thomsons  
No. 104  
No. 104



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