

No. 1271.

(Received in London Office,

19 OCT. 83

# TESTS OF BOILER STEEL.

Tests of 28 Steel Plate manufactured by Messrs. J & W Beardmore of Parkhead, Glasgow for Boiler No. 121 to be constructed by Messrs. Anderson & Lyall of Gran, Glasgow for Messrs. Workman Clark & Co. P.S. No. 24

Date first visit 24/9/83 last visit 3/10/83 No. of Visits 3

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 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.	%	
	20 in										
	3.2 x 12 3/4 x 7/16	24		1582	.58	1.23	.713	20.61	28.9	27	
	3.7 x 12 3/4 x 9/16	96		1583	.64	1.25	.8	22.15	27.6	26	
	14.6 x 43 x 3/4	315		1617	.74	1.24	.917	26.14	28.5	24	

J. J. 10/10/83.

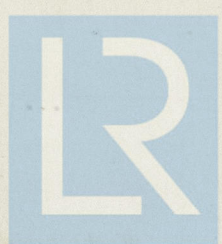
Fee ..... £ : :  
 Expenses £ : :  
 £ : :

To be paid by Messrs. J & W Beardmore Glasgow 8/10/83



TESTS OF BOILERS ETC.

J. J. Coradine  
Boiler Report  
No. 3047



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Foundation