



No. 5138

TESTS OF BOILER STEEL.

Tests of 16 Steel plates manufactured by Messrs Beardmore & Co of Parkhead for Boiler No. 124 to be constructed by Messrs J & J Thomson of Glasgow for

Date first visit 13th June last visit 24th June No. of visits Three

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to Six samples as set forth below, and the temper and bending tests to a sample from each plate. The 16 plates were rolled from 16 slabs.

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.	%	
	Boiler.	G 139	617		1.19	1.1	1.306	36.7	28	26	20-0 x 72 + 1 3/16
		K 134	713		1.19	1.11	1.322	38.6	24.2	25	20-3 x 73 + 1 3/16
		B 22	239		.49	1.53	.749	21.4	28.5	28	18-6 x 39 1/2 + 1/2
		L 108	223		1.14	.95	1.083	31.53	29.1	28	20-0 x 72 + 1 3/16
		K 140	523		.51	1.1	.561	16.1	28.6	28	18-6 x 39 1/2 x 1/2
		M 128	541		.86	1.1	.946	27.4	28.9	23	14+3 x 36 1/2 x 7/8

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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Walter Robson
Surveyor, Lloyd's Register,
Glasgow
2/7/87