

(Received at London

TESTS OF BOILER STEEL

Tests of 4 Steel plates manufactured by The Steel Co. of Scotland of ~~Leith~~ ^{Leith} for Boiler No. 238 to be constructed by Messrs. McIlwaine & Co. of Belfast for (St. No. not given) 1881. No. 212.

Date first visit 15/3/88 last visit 24/3/88 No. of visits

The _____ specified in the accompanying copy of Advice Notes were rolled from _____ charges. The tensile test has been applied to 2 samples as set forth below, and the temper and bending tests to a shearing off each plate with satisfactory results.

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		
					In.	In.	In.	Tons.	Tons.	%	
1	End plate $9/16$	E. 50		4201	.57	1.13	.644	17.6	27.3	24.5	
2	13-8 x $47\frac{1}{2}$ x $7/16$	Stock		8531	.44	1.25	.53	16.1	29.2	26	
3	4-8 x 9 x $1/2$	"		8532	.49	1.23	.603	17.4	28.8	24	Cross piece

27/3/88

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Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.

Glasgow

