

No. 6430

(Received at London Office,

7-MAR. 88

LONDON

TESTS OF BOILER STEEL.

Tests of 12 Steel Plates manufactured by Messrs D Colville & Sons of Motherwell for Boiler No. 3445 to be constructed by Messrs W. King & Co. of Glasgow for Messrs Workman Clark & Co. S.S. No. 55786

Date first visit February 7th 1888 last visit March 3rd 1888 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 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.	%	
1	Butt Strip	8718		1922	1.03	1.17	1.205	35.40	29.3	25.0	
2	" "	4539		4480	1.05	1.23	1.291	37.52	29.0	16.0	
					1.08	1.17	1.263	36.18	28.6	23.0	

R.F. 9/3/88

Fee £ : :
Expenses £ : :
£ : :
To be paid by

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H.M. Dove
Surveyor, Lloyd's Register,
Glasgow
53.88