

TESTS OF BOILER STEEL.

Tests of 35 Steel Plate manufactured by Messrs D Colville & Sons of Motherwell for Boiler No. 132 to be constructed by Messrs J & J. Thomson of Glasgow for Messrs Workman Clark & Co's S. S. No. 58.

Date first visit April 13th 1888 last visit April 19th 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 4 samples as set forth below, and the temper and bending tests to a shearing from 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		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Girders	3202		2764	74	1.79	1.324	36.02	27.2	28.0	
2	Back of Fire Door D.B.	286		2782	57	1.78	.907	25.90	28.5	21.5	
3	Sides & Tops of Wing Fire Door	B332		2835	55	1.22	.671	19.30	28.7	25.0	
4	Top Ends	4550		3585	82	1.66	1.361	37.18	27.3	26.5	

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

H. McDougall
 Surveyor, Lloyd's Register.
 Glasgow
 19.4.88