

No. 5563

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of 32 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 2360 to be constructed by Messrs J. Stewart & Son of London for the S. S. "Hawth"

Date first visit Sept 13<sup>th</sup> 1887 last visit Sept 25<sup>th</sup> / 87 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 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.	Br.lth.	Area.	Total	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	7.9 x 32 3/4, 4.8 1/2 x 27 x 1/2	M254		3390	.49	1.73	.847	23.10	27.2	21.5	
2	5.0 3/4 R x 7 1/4 x 5/8	M144		3394	.61	1.73	1.055	30.94	29.3	24.5	
3	14.9 x 58 1/2 x 7/8	B124		4136	.70	1.85	1.295	37.0	28.5	30.6	
4	6.0 x 4 3/4 x 3/8	M256		4716	.39	1.94	.756	22.78	30.1	25.5	

*Adf*  
4.10.87

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

To be paid by

*H. J. Moore*  
Surveyor, Lloyd's Register  
Glasgow  
1.10.87