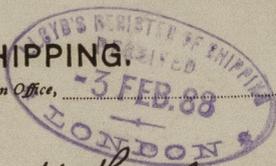


No. 6344

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of 11 Steel Plates manufactured by Messrs D Colville & Sons of Motherwell for Boiler No. 247 to be constructed by Messrs Hall Russell & Co of Aberdeen for their S.S. No 247

Date first visit December 27th 1887 last visit February 1st 1888 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.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	4' 3" Rad x 56" x 1"	D924		3477	1.16	1.0	1.16	32.84	28.3	26.0	Tested by Mr. Fowling. ✓ ✓ ✓ B.F. 3/2/88
2	21.1 1/2 x 63 1/4 x 1 1/2	A438		4926	1.25	1.17	1.462	40.10	27.4	24.0	
3	10.0 x 8.0 x 93 x 7/8	E710		823	.65	2.13	1.384	40.48	29.2	27.0	
4	20.9 1/2 x 63 1/4 x 1 1/2	A438		5452	1.24	1.24	1.537	42.10	27.0	25.0	

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

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 H. W. Dore
 Surveyor, Lloyd's Register
 Glasgow
 1.2.88