

No. 4844

TESTS OF BOILER STEEL.

Tests of 32 Steel Plates manufactured by Messrs J. Colville & Sons of Motherwell  
for Boiler No. 400 to be constructed by Messrs Ross & Duncan of Glasgow  
for the S.S. "Veloce"

Date first visit June 7<sup>th</sup> 1888 last visit June 14<sup>th</sup> 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	9-0 1/2 x 47 1/2 x 3/8	2863		996	.37	1.78	.658	18.37	27.9	28.5	
2	4-4 3/4 R x 52 1/2, 4-4 1/2 R x 52 1/2 7/16	4498		1467	.44	1.28	.563	16.50	29.3	20.0	
3	9-4 3/4 x 87 3/4 x 7/16	H681		1190	.43	1.70	.731	20.07	27.4	30.0	
4	5-7 x 31 1/2 x 4/8	C235		1630	.37	1.70	.629	17.68	28.1	28.0	
5	8-10 x 5 1/2, 8-0 x 5 1/2 x 3/8	2866		2033	.36	1.40	.504	14.46	28.6	28.5	U.M.D.

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.

15-6-88