

No. 4844

(Received at London Office, 18 JUL 88)

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 7th 1888 last visit June 14th 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	S 863		996	.37	1.78	.658	18.37	27.9	28.5	
2	4.4 3/4 R x 52 1/4 x 4 1/2 R x 5/16	A 498		1467	.44	1.28	.563	16.50	29.3	20.0	
3	9.4 3/4 x 87 3/4 x 7/16	H 681		1190	.43	1.70	.731	20.07	27.4	30.0	
4	5.7 x 31 1/2 x 4/8	C 235		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	S 866		2033	.36	1.40	.504	14.46	28.6	28.5	U.M.D.

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

H. M. Dove
 Surveyor, Lloyd's Register.
 Glasgow
 15-6-88