

No. 4493



TESTS OF BOILER STEEL.

Tests of 10 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 307 to be constructed by Messrs A. Stephen & Sons of Glasgow for their S. S. No. 307

Date first visit April 19th 1887 last visit May 3rd 1887 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	5.3 x 35 x 9/16	J 985		3089	.57	1.64	.934	27.28	29.2	27.0	
2	6.3 1/2 Rad x 52 x 13/32	A 186		4465	1.12	1.28	1.433	42.36	29.5	29.0	
3	6.1 x 39 x 7/16	P 35		6674	.45	2.25	1.012	27.23	26.9	31.0	

D.P.
14/5/87

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

 H. N. Dove
 Surveyor, Lloyd's Register.
 Glasgow
 3.5.87
 Foundation