

No. 4493

TESTS OF BOILER STEEL.

Tests of 10 Steel Plate 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.		Extens. in 8 ins.	Remarks.
					Thickn.	Brlth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	5.3 x 35 x 7/16	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	

Fee £ : :
Expenses £ : :
£ : :

To be paid by



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H. M. Dove

Surveyor, Lloyd's Register.

Lloyd's Register
Glasgow
3.5.87
Foundation

D.P.
14/5/87