

TESTS OF BOILER STEEL.

Tests of 10 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for ^{Donkey} Boiler No. 305 to be constructed by Messrs A. Stephen & Sons of Glasgow.

Date first visit March 11th 1887 last visit March 24th 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

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	6.6 x 79 x 67 x 1/2	H274		2256	.57	2.24	1.142	33.20	29.0	23.5	
2	14.8 1/2 x 81 1/2 x 82 x 7/8	J959		2622	.86	1.95	1.677	49.37	29.4	25.5	
3	11.3 x 86 1/2 x 15 1/2	H278		3068	.47	1.51	.709	21.42	30.2	26.0	
4	11.3 x 86 1/2 x 15 1/2	J966		4254	.49	1.19	.583	17.37	29.7	22.0	

DP 11/4/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

H.M. Dove
Surveyor, Lloyd's Register,
Glasgow
30.3.87