

No. 4049

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 30 Steel Bars manufactured by Messrs D Colville & Sons of Motherwell for Boiler No. 247 to be constructed by Messrs Hall Russell & Co of Aberdeen for their S. S. No 247.

Date first visit March 16th 1888 last visit March 30th 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to pieces from three of the bars with satisfactory results.

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	Stay Bar 2½ Dia	N 283		8	1.38	Dia	1.496	42.60	28.4	23.0	✓ A. H. 6.4.88.
2	" " " "	"		13	1.38	"	1.496	43.84	29.3	21.5	
3	" " 3 " "	N 258		299	.86	1.71	1.470	39.68	27.0	26.0	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register,

Glasgow
30.3.88