

TESTS OF BOILER STEEL.

Tests of 32 Steel Bars manufactured by Messrs D Colville & Sons of Glasgow for Boiler No. 379/50 to be constructed by Messrs Jas Howden & Co. of Glasgow for Messrs Harland & Wolff, S.S. N. 2131.

Date first visit April 26th 1888 last visit May 2nd 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 a piece from one 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 2 1/2" Dia	A541		675	1.37	Dia	1.474	44.83	30.4	23.5	Rejected 10 bars all from Ch. A541
2	" " "	"		669	1.37	"	1.474	44.82	30.4	22.5	
3	" " "	B347		665	1.37	"	1.474	43.26	29.3	23.5	

MS

Fee £ : :

Expenses £ : :

£ : :

To be paid by

H. W. Done

Surveyor, Lloyd's Register.

7.5.88 Glasgow