

TESTS OF BOILER STEEL.

Tests of 546 Steel Bars manufactured by Messrs D. Colville & Sons of Glasgow for Boiler No. 331 to be constructed by Messrs The Fairfield Shipbuilding & Engineering Co. Glasgow for their S.S. No 331. Rivets to be made by Messrs Jas. Miller & Co. Glasgow.
Date first visit Sept. 30th 1887 last visit Oct. 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 piece from each bar 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 plate 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		
					Inch.	Inch.	Inch.	Tons.	Tons.		
1	Rivet Bars 27 Dia C3			25	.84	Dia	.534	16.07	29.0	26.5	
2	" " 31			33	"	"	"	14.60	26.3	28.5	
3	" " 31 32	G358		5	.97	"	.739	20.70	28.0	32.0	
4	" " "	"		15	"	"	"	21.48	29.0	29.0	
5	" " "	"		24	"	"	"	20.60	27.8	33.0	
6	" " 1 16	P195		40	1.05	Dia	.866	24.30	25.0	31.0	
7	" " "	"		50	"	"	"	23.15	26.8	33.0	
8	" " "	"		60	"	"	"	26.0	30.0	30.5	
9	" " "	"		68	"	"	"	23.85	27.5	32.0	
10	" " "	"		73	"	"	"	23.10	26.6	32.0	

Alt 6.10.89

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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H. M. Dove
Surveyor, Lloyd's Register.
Glasgow
4.10.87