

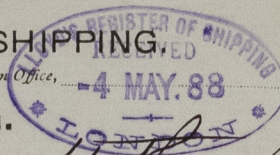
No. 4433

TESTS OF BOILER STEEL.

Tests of 6 Steel Bars manufactured by Messrs Colville & Sons of Motherwell for Boiler No. 247 to be constructed by Messrs Hall Russell & Co of Aberdeen for their S.S. (No. 24)

Date first visit April 24th 1888 last visit April 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



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	Stay Bar 2 1/2 Dia D34			332	1.35	Dia	1.431	45.00	31.4	23.0	Rejected 2 bars
2	" " " " "			330	1.37	"	1.474	43.75	29.6	24.5	
3	" " " " NY258			305	1.37	"	1.474	39.00	26.4	26.0	

M
4.5-9c

Fee £ : :
Expenses £ : :
£ : :

To be paid by

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M. Done
Surveyor, Lloyd's Register
Glasgow
3.5.88