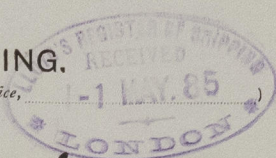


No. 2552

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 55 Steel Plate manufactured by Messrs. D. Colville & Sons of Motherwell for Boiler No. 194 to be constructed by Messrs. Wigham Richardson & Co. of Newcastle for their S.S. Nº 194.

Date first visit April 24th 1885 Last visit No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 6 samples as set forth below, and the temper and bending tests as required by Circular Nº 438

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	Shell Plate	H651			6502	1.19	1.82	1.57	44.86	28.5	29.5
2	Centre Back -	L373			6530	.85	1.31	1.122	33.70	29.9	27.5
3	Flange box sides	H391			6216	.61	1.30	.793	22.43	28.2	27.0
4	Bottom of Back	N391			6104	.74	1.43	1.058	29.46	27.8	28.0
5	Flange box back	H653			6184	.6	1.52	.912	24.31	26.6	31.5
6	Furnace bottom	Stock			3425	.63	1.69	1.064	32.15	30.2	26.5

M 1/5/85

Fee..... £ : :
Expenses £ : :
£ : :

To be paid by



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H. N. DOVE
Surveyor, Lloyd's Register,
Clayton