

No. 2509.

(Received in London Office,

## TESTS OF BOILER STEEL.

Tests of ~~44~~ Steel plates manufactured by ~~the Steel Works of Scotland~~ of ~~Glasgow~~ for Boiler No. 77 to be constructed by ~~Bailey~~ Leatham of Hull for ~~S.S. No 257~~ Building ~~Charles~~ Shipbuilding Comp<sup>y</sup>.

Date first visit ✓ last visit ✓ No. of Visits 1

The ~~44~~ plates specified in the accompanying copy of Advice Notes were rolled from ✓ charges. The tensile test has been applied to 5 samples as set forth below, and the temper and bending tests As required by circular No 18

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	15. 5 1/4 x 64 x 7/8	6251		8637	.635	1.29	819	21.4	26.1	25.5	
2	14. 9 x 5 3/4 x 7/8	1240		8631	.79	1.25	987	28.35	28.7	25.0	
3	9. 10 x 5 1/2 x 1/2	3289		2513	.515	1.25	643	17.65	27.4	24.5	
4	5. 7 x 3 5/8 x 1/2	628		8004	.515	1.25	643	17.25	26.8	23.0	
5	7. 1 1/2 x 7 5/8 x 1/2	1285		8647	.69	1.16	.8	23.05	28.8	22.0	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by the Steel Works

Surveyor, Lloyd's Register,

Glasgow

18.4.85 HUL 398-0140