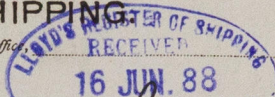


No. 7861.

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 22 Steel Plates manufactured by Messrs D Colville & Son of Glasgow
for Boiler No. 154 to be constructed by Messrs Rankin & Blacklock of Greenock
for Messrs Russell & Co's S.S. No. 197

Date first visit June 8th 1888 last visit June 4th 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 2 samples as set forth below,
and the temper and bending tests to a shearing from each plate 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	Side of Firebox N368			1361	.55	1.18	.649	18.30	28.1	22.5	
2	Front Tube Plate H686			2215	.82	1.11	.910	27.0	29.6	22.5	

W.M.D.

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.

14.6.88