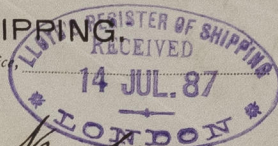


No. 5148

(Received at London Office)



## TESTS OF BOILER STEEL.

Tests of 16 Steel Bars manufactured by The Steel Co of Scotland of Newton.

for Boiler No. 359 to be constructed by North Eastern Marine Co of Wallsend

for S.S. No 141 Building by the Sunderland Shipbuilding Co

Date first visit 4<sup>th</sup> July last visit 12<sup>th</sup> July No. of visits Constant

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 applied to piece of each length

with satisfactory results.

When a second test is applied, the result should be recorded in the margin 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.	%	
	Stay Bars.	K97		844	1.22	diam	1.109	34.8	29.8	29	
		L982		820	1.18	"	1.094	31.9	29.1	31	
		L982		579	1.19	"	1.112	32.0	28.7	29.	

29  
16/7/87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register

Glasgow. 13/7/87