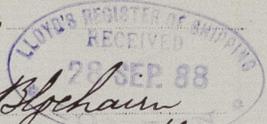


No. 8484

TESTS OF BOILER STEEL.



Tests of 2 Steel plates manufactured by *The Steel Co. of Scotland of Glasgow* for Boiler No. 2122 to be constructed by *Nawthorn Leslie & Co of Newcastle* for their S/S. No. 291

Date first visit *21/9/88* last visit *26/9/88* No. of visits

The *plates* 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 off each plate, 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 or Dimensions	Charge Mark.	No. of plates or bars in same charge	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Extens. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch		
					In.	In.	In.	Tons.	Tons.	%	
1	<i>End plate 1/2</i>	<i>H.317</i>		<i>470</i>	<i>.98</i>	<i>1.3</i>	<i>1.274</i>	<i>36.4</i>	<i>28.5</i>	<i>24</i>	
2	<i>9-4 x 83 St. x 1/2</i>	<i>A.291</i>		<i>6952</i>	<i>.54</i>	<i>1.34</i>	<i>.724</i>	<i>18.9</i>	<i>26.1</i>	<i>27.5</i>	<i>Cross piece</i>

D.P.
28/9/88

Fee £ : :
Expenses £ : :
£ : :

To be paid by

J. H. Roberts
Surveyor, Lloyd's Register
Glasford
26/9/88