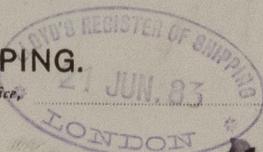


*A. J. Robina, "M. Mpl. Report No. 5342."*

No. 968.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office)



**TESTS OF BOILER STEEL.**

Tests of 16 Steel plates manufactured by *Mr. D. Colville* of *Motherwell* for Boiler No. *763* to be constructed by *Messrs J. Richardson & Co* of *Hartlepool* for *S.S. 197* building by *J. L. Thompson & Son*.

Date first visit *11.5.83* last visit *23.5.83* No. of Visits *3*

The steel plates specified in the accompanying copy of Advice Notes were rolled from *9* charges. The tensile test has been applied to *3* samples as set forth below, and the temper and bending tests to a sample taken from each of the 16 plates all of which proved satisfactory.

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.		
<i>1.</i>	<i>8-1 x 77 1/2 x 7/16</i>	<i>958</i>	<i>1</i>	<i>859</i>	<i>.428</i>	<i>1.945</i>	<i>.832</i>	<i>22.48</i>	<i>27.0</i>	<i>28.0</i>	
<i>2.</i>	<i>18-8 x 28 1/2 x 15/32</i>	<i>C703</i>	<i>1</i>	<i>1017</i>	<i>.44</i>	<i>1.232</i>	<i>.542</i>	<i>15.28</i>	<i>28.1</i>	<i>20.5</i>	
<i>3.</i>	<i>7-9 x 90 x 1/2</i>	<i>H54</i>	<i>2</i>	<i>1275</i>	<i>.484</i>	<i>1.68</i>	<i>.813</i>	<i>23.03</i>	<i>28.3</i>	<i>26.0</i>	

*J.S.*  
*21/6/83*

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by *Mr. D. Colville*

*C. J. Burnett*  
Surveyor, Lloyd's Register,  
*Glasgow*