

*S.S. "Dumail", M. Spec. Report No. 5400.*

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. *1396*

(Received in London Office,

## TESTS OF BOILER STEEL.

Tests of *11* Steel plates manufactured by Messrs *H. Colville & Co* of *Motherwell* for Boiler No. *870* to be constructed by Messrs *Blair & Co* of *Stockton* for *S.S. No. 145* building by Messrs *Austen & Sons, Sunderland*.

Date first visit *22/10/83* last visit *31/10/83* No. of Visits *2*

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 *samples representative of each plate advised. all 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' 3" Rad x 7 3/8 x 2 7/8</i>	<i>A4</i>		<i>2695</i>	<i>868</i>	<i>1.853</i>	<i>1.608</i>	<i>45.5</i>	<i>28.2</i>	<i>31.0</i>	
<i>2</i>	<i>16.2 1/4 x 44 3/4 x 1 5/16</i>	<i>A209</i>		<i>4168</i>	<i>917</i>	<i>1.58</i>	<i>1.448</i>	<i>40.48</i>	<i>27.9</i>	<i>25.5</i>	

*M 5/11/83*

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

*Manufacturers*

Surveyor, Lloyd's Register,

*Glasgow*  
*2/11/83*