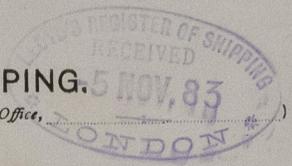


*S.S. "Dumail", M. Spec. Report No. 5400.*



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. | Nc. 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   | 8' 3" Rad x 73 x 2 7/8"     | A4           |                                      | 2695                          | 868         | 1853   | 1608  | 45.5             | 28.2      | 31.0               |          |
| 2   | 16.2 1/4 x 44 3/4 x 1 5/16" | A209         |                                      | 4168                          | 917         | 1558   | 1448  | 40.48            | 27.9      | 25.5               |          |

*M 5/11/83*

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

To be paid by *The Manufacturers*

© 2021  
  
*Chas. Edwards*  
 Surveyor, Lloyd's Register,  
 Glasgow  
 2/11/83