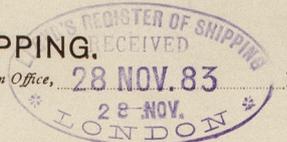


D. J. 'Mercurio', W. Hope Report No. 5476.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 1497

(Received in London Office, ...)



TESTS OF BOILER STEEL.

Tests of 2 Steel Plates manufactured by Messrs. J. & W. Beardmore of Parkhead, Glasgow for Boiler No. 868 to be constructed by Messrs. Blair & Co. of Stockton-on-Tees. for Messrs. W. Gray & Co. L.P. No. 287

Date first visit 14/11/83 last visit 19/11/83 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 1 sample as set forth below, and the temper and bending tests to a shearing from 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. | 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>70² 7.2 x 37 x 1/2</i> | <i>A556</i> | | <i>1609</i> | <i>.5</i> | <i>1.5</i> | <i>.75</i> | <i>20.45</i> | <i>27.2</i> | <i>34</i> | |

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by *Messrs. J. & W. Beardmore Glasgow*



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D. J. 'Mercurio' 28/11/83
M. Andrews
 Surveyor, Lloyd's Register,
 Foundation
27/11/83