

Glasgow Report No. 4114

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 2594.

(Received in London Office,)

TESTS OF BOILER STEEL.

Tests of 41 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 88 to be constructed by Messrs Muir & Houston of Glasgow for Messrs Scott & Co. S.S. No. 59.

Date first visit May 5th 1885 last visit No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 5 samples as set forth below, and the temper and bending tests as required by Circular No. 438.

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. | % | |
| 1 | Wings | Steel | | 6276 | .69 | 1.64 | 1.131 | 33.18 | 29.3 | 28.0 | |
| 2 | Furnace bottom | C376 | | 407 | .5 | 1.40 | .74 | 20.94 | 28.2 | 27.0 | |
| 3 | Shell | W449 | | 238 | .80 | 1.31 | 1.048 | 30.04 | 28.6 | 30.0 | |
| 4 | Shell | £10 | | 1120 | .78 | 1.39 | 1.084 | 30.20 | 27.8 | 22.0 | |
| 5 | Steam Chest Shell | A627 | | 1579 | .36 | 1.56 | .561 | 15.24 | 27.0 | 29.0 | |

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register,