

TESTS OF BOILER STEEL.

Tests of 50 Steel Bars manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 22 to be constructed by Messrs Stewart & Son of London for the S.S. Hawke.

Date first visit Oct-11-1887 last visit Oct-24-1887 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to samples as set forth below, and the temper and bending tests to a piece from each bar 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.    |                    |          |
| 1   | Stay Bar 1 1/2 dia | K1185        |                                      | 2                             | 1.50        | Dia    | 1.767 | 50.66            | 28.6     | 31.0               |          |
| 2   | " - 2 1/2 "        | K173         |                                      | 12                            | 79          | 1.88   | 1.485 | 43.12            | 29.3     | 28.0               |          |
| 3   | " - 7/8 "          | A340         |                                      | 25                            | 870         | Dia    | 1.594 | 15.67            | 26.3     | 31.0               |          |

Ad  
1.11.87

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

To be paid by

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A. M. Dore  
Surveyor, Lloyd's Register  
25.10.87