

TESTS OF BOILER STEEL.

Tests of 32 Steel Bars manufactured by Messrs D Colville & Sons of Glasgow for Boiler No. 379/50 to be constructed by Messrs Jas Howden & Co. of Glasgow for Messrs Harland & Wolff, S.S. No. 2131.

Date first visit April 26th 1888 last visit May 2nd 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to a piece from one of the bars 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 2 1/2" Dia | A541 | | 675 | 1.37 | Dia 1.474 | 44.83 | 30.4 | 23.5 | Rejected 10 bars all from Ch. A541 | |
| 2 | " " " " | " | 669 | 1.37 | " 1.474 | 44.82 | 30.4 | 22.5 | | | |
| 3 | " " " " | B347 | | 665 | 1.37 | " 1.474 | 43.26 | 29.3 | 23.5 | | |

AdJ

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

A. W. Doue
 Surveyor, Lloyd's Register
 Glasgow
 7-5-88