

*S. S. Howhead*

**LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.**

*(Received in London Office,*

No. \_\_\_\_\_

**TESTS OF BOILER STEEL.**

Tests of 57 Steel plates manufactured by Messrs. John Brown & Co of Sheffield  
 for Boiler No. \_\_\_\_\_ to be constructed by Messrs. Harland & Wolff of Belfast  
 for S.S. No. 165.

Date first visit \_\_\_\_\_ last visit 2.5.83 No. of Visits 1

The plates specified in the accompanying copy of Advice Notes were rolled from  
18 charges. The tensile test has been applied to 6 samples as set forth below,  
 and the temper and bending tests to each plate

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	Boilers	506	9	1508	.54	1.63	.88	26	29.5	27	5.6 <sup>3</sup> / <sub>4</sub> x 2.11 <sup>1</sup> / <sub>2</sub> x <sup>9</sup> / <sub>16</sub>
2		496	12	1511	.5	1.79	.895	25	27.9	28	10.1 x 4.6 <sup>3</sup> / <sub>4</sub> x <sup>1</sup> / <sub>2</sub>
3		496	12	1612	.475	1.9	.902	25	27.7	27	8.3 <sup>1</sup> / <sub>2</sub> x 2.11 <sup>1</sup> / <sub>2</sub> x <sup>1</sup> / <sub>2</sub>
4		493	3	1533	.95	1.0	.95	28	29.4	26	14.5 <sup>3</sup> / <sub>4</sub> x 3.10 <sup>5</sup> / <sub>8</sub> x <sup>13</sup> / <sub>16</sub>
5		463	4	1526	.93	1.0	.93	27.75	29.8	25	14.5 <sup>3</sup> / <sub>4</sub> x 3.10 <sup>5</sup> / <sub>8</sub> x <sup>15</sup> / <sub>16</sub>
6		493	4	1502	.93	1.0	.93	27.75	29.8	26	20.2 <sup>3</sup> / <sub>4</sub> x 3.5 <sup>3</sup> / <sub>4</sub> x <sup>15</sup> / <sub>16</sub>

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by \_\_\_\_\_



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*David James*

Surveyor, Lloyd's Register,

London

S. S. Horn Head  
Belfast Report  
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