



TESTS OF BOILER STEEL

Tests of 3 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell  
for Boiler No. 305 to be constructed by Messrs A. Stephen & Sons of Glasgow  
for their S.S. No. 305

Date first visit March 29<sup>th</sup> 1887 last visit April 9<sup>th</sup> 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 shearing from 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. |          | Extens. in 8 ins. | Remarks. |
|-----|----------------------|--------------|---------------------------------------|-------------------------------|-------------|--------|-------|------------------|----------|-------------------|----------|
|     |                      |              |                                       |                               | Thickn.     | Brlth. | Area. | Total.           | Sq. Inch |                   |          |
|     |                      |              |                                       |                               | Ins.        | Ins.   | Ins.  | Tons.            | Tons.    | %                 |          |
| 1   | 3.9 1/2 R x 48 x 5/8 | N994         |                                       | 4961                          | .63         | 2.04   | 1.285 | 36.90            | 28.7     | 28.0              |          |
| 2   | 6.6 x 79 x 7/8       | L116         |                                       | 1628                          | .50         | 1.76   | .88   | 24.57            | 27.9     | 24.0              |          |

D.F.  
18/4/87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by



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A.M. Dove

Surveyor, Lloyd's Register

Glasgow  
12.4.87