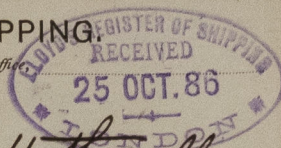


No. 3953.

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 14 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 940 to be constructed by Messrs Blair & Co of Stockton. for Messrs W. & Co S. S. No 142

Date first visit Oct 5th 1886 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 2 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. | | Exten. in 8 ins. | Remarks. |
|-----|-------------------|--------------|--------------------------------------|-------------------------------|-------------|--------|-------|------------------|-----------|------------------|----------|
| | | | | | Thickn. | Brdth. | Area. | Total. | Sq. Inch. | | |
| | | | | | Ins. | Ins. | Ins. | Tons. | Tons. | % | |
| 1 | Tube plate | 8367 | | 130 | .51 | 2.53 | 1.290 | 34.24 | 26.5 | 26.5 | |
| 2 | Flame box Girders | 410 | | 417 | .99 | 1.26 | 1.247 | 36.94 | 29.6 | 23.0 | |

D.P.
26/10/86

Fee £ : :

Expenses £ : :

£ : :

To be paid by



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Anderson

Surveyor, Lloyd's Register,

Glasgow