

TESTS OF BOILER STEEL.

Tests of 27 Steel plates manufactured by The Steel Co of Scotland of Motherwell for Boiler No. 241 to be constructed by Messrs J & G Thomson of Glasgow for the S.S. No. 241 building by the same firm

Date first visit 17/9 last visit 22/9/84 No. of visits 4

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 5 samples as set forth below, and the temper and bending tests to a shearing taken from each plate.

Results Satisfactory

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 | Girders Stays | H.224 | 8932 | 1.39 | 1.17 | 1.626 | 44.5 | 27.3 | 25 | | |
| 2 | Straps | F.264 | 1913 | .975 | 1.27 | 1.238 | 36.25 | 29.2 | 23 | | |
| 3 | Front tube plate | H.292 | 1915 | .83 | " | 1.054 | 31.35 | 29.7 | 24.5 | | |
| 4 | "Straps" | L.219 | 1914 | .85 | " | 1.08 | 31.45 | 29.1 | 24.5 | | |
| 5 | Straps | L.219 | 8982 | .945 | " | 1.2 | 34.0 | 28.3 | 23 | | Cross piece |

D.P. 24/9/84

Fee £ : :
Expenses £ : :
£ : :

To be paid by

© 2021 Lloyd's Register Foundation
J. L. Roberts
Surveyor, Lloyd's Register
Glasgow
22/9/84

Memorandum
J. H. Thomson's
No. 241 Br.



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