

No. 1043.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 7 Steel plates manufactured by The Steel Co of Scotland of Blochairn, Glasgow for Boiler No. 166 to be constructed by Messrs Harland & Wolff of Belfast for S.P. No 166 building by them.

Date first visit 2/6/83 last visit 3/7/83 No. of Visits 2

The Steel plates specified in the accompanying copy of Advice Notes were rolled from 7 charges. The tensile test has been applied to 2 samples as set forth below, and the temper and bending tests to samples representative of each plate advised, with satisfactory results.

| 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 | Top of back plate | L333 | 1 | 9285 | .76 | 1.28 | .972 | 25.6 | 26.3 | 27.5 | |
| 2 | Middle - - - | K342 | 1 | 9321 | .62 | 1.28 | .793 | 23.0 | 29.0 | 25. | |

This order is not yet complete

D.G.
3/8/83

Fee £ : :

Expenses £ : :

£ : :

To be paid by The Steel Co.

James Webb
Surveyor, Lloyd's Register,

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Foundation

Glasgow 2/2/83