

Tests of 39 Steel plates manufactured by Messrs. J. & W. Beardmore of Parkhead, Glasgow for Boiler No. 287 to be constructed by Messrs. Denny & Co. of Dumbarton for Messrs. W. Denny & Co. Ltd. No 285

Date first visit 20/2/84 last visit 29/2/84 No. of Visits 4

The plates 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 from each plate, 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. | | |
| | 8.6 1/2 x 24 1/2 x 1/2 | 7089 | | 605 | .5 | 146 | .78 | 20.1 | 27.5 | 23 | |
| | 40 x 12 3/4 x 3/4 | 86 | | 607 | .75 | 122 | .922 | 25.54 | 27.7 | 29 | |
| | 2.10 x 34 x 3/4 | K14 | | 683 | .77 | 1.01 | .777 | 21.7 | 27.9 | 29 | |
| | Sketch x 11/16 | 714 | | 672 | .7 | 1.28 | .861 | 24.3 | 28.2 | 24 | |
| | 7.10 1/4 x 65 3/4 x 3/8 | D12 | | 780 | .64 | 1.26 | .806 | 21.7 | 26.9 | 32 | |

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by Messrs. J. & W. Beardmore Glasgow