

No. 2308.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 5 Steel stay bars manufactured by Messrs. D. Colville & Sons of Motherwell
 for Boiler Nos 2921/5 to be constructed by Messrs. Denny & Co. of Dumbarton.
 for Messrs Messrs. Denny & Co. Nos. 2941/5
 Date first visit last visit No. of Visits

The 5 steel stay bars 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 proved 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. | %. | |
| | <u>2 7/8 inches dia</u> | <u>L 264</u> | | <u>5</u> | <u>.48</u> | <u>1.665</u> | <u>1.298</u> | <u>78.85</u> | <u>29.9</u> | <u>255</u> | |
| | <u>3/8 " "</u> | <u>M 579</u> | | <u>4</u> | <u>1.04</u> | <u>1.39</u> | <u>1.445</u> | <u>42.75</u> | <u>29.5</u> | <u>265</u> | |

1110 - 202579

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by Messrs. D. Colville & Sons



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M. Andrews
 Surveyor, Lloyd's Register
 Foundation
Glasgow

D.P.
15/12/85

14/2/85