

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 214/4.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 4 Steel plates ^{5 stay bars} manufactured by Messrs. J. Colville & Sons of Dalrymple, Motherwell for Boiler No. 285 to be constructed by Messrs. The Earle Ship Co. of Hull for S.P. No. 285 building by the same firm

Date first visit _____ last visit _____ No. of Visits _____

The 4 steel plates ^{5 stay bars} specified in the accompanying copy of Advice Notes were rolled from _____ charges. The tensile test has been applied to _____ samples as set forth below, and the temper and bending tests with satisfactory results.

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. | | |
| | | | | | | | | | | | |
| | 6.3 1/2 rad x 52 x 5/16 | 1941 | | 2950 | .95 | 1.32 | 1.254 | 37.68 | 30.0 | 28.5 | |
| | 12.9 x 59 x 3/4 | 8549 | | 3790 | .76 | 1.40 | 1.064 | 29.50 | 27.7 | 28.5 | |
| | 7.9 1/2 rad x 9/16 | H634 | | 8484 | .57 | 1.11 | .632 | 18.34 | 29.0 | 24.0 | |
| | Stay bar 2 1/2 dia | B396 | | 14 | .93 | 1.59 | 1.478 | 44.11 | 29.8 | 25.5 | |

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by Messrs. J. Colville & Sons Glasgow
 Wm. Andrews, Surveyor, Lloyd's Register
 13/4/85