

TESTS OF BOILER STEEL.

Tests of 16 Steel plates manufactured by The Steel Co. of Scotland of Blochairn for Boiler No. 354 to be constructed by Messrs. Denny & Co. of Dumbarton for (Str. No. not given)

Date first visit 11/9/88 last visit 13/9/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 4 samples as set forth below, and the temper and bending tests to a shearing off each plate with satisfactory results.

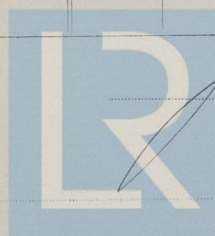
When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

| 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 | | |
| | | | | | Ins. | Ins. | Ins. | Tons. | Tons. | % | |
| 1 | Shell 15/16 | H.300 | | 217 | .98 | 1.28 | 1.274 | 34.9 | 27.8 | 28 | |
| 2 | Straps 3/4 | D.278 | | 299 | .77 | 1.17 | .901 | 27.1 | 30.0 | 22 | |
| 3 | Shell 15/16 | D.277 | | 301 | .98 | 1.17 | 1.147 | 33.0 | 28.7 | 28 | |
| 4 | Manhole pl. " | A.269 | | 4709 | 1.00 | 1.37 | 1.37 | 40.5 | 29.5 | 22.5 | Cross piece |

D.F. 17/9/88

Fee £ : :
Expenses £ : :
£ : :

To be paid by



Surveyor, Lloyd's Register.
Glasgow
13/9/88