

No. 4529

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 64 Steel bars manufactured by The Steel Coy of Scotland of Newton
for Boiler No. 488 to be constructed by Hall, Russell, & Co of Aberdeen.
for S.S. Dabulaweyi.

Date first visit 2-5-88 last visit 11-5-88 No. of visits ✓

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 8 samples as set forth below,
and the temper and bending tests applied to one in ten bars with
good 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 | Stay bars 2 dia | B464 | 580 | 1.18 dia | 1.094 | 32.2 | 29.4 | 29.5 | | | |
| 2 | " " | " | 623 | 1.19 | 1.112 | 31.9 | 28.6 | 30 | | | |
| 3 | " " | 1/2 E111 | 122 | " | " | 32.5 | 29.2 | 30 | | | |
| 4 | " " | " | 126 | " | " | 31 | 27.8 | 28 | | | |
| 5 | " " | 1/8 Q512 | 91 | 1.38 dia | 1.496 | 42.8 | 28.6 | 31 | | | |
| 6 | " " | " | 80 | " | " | 42.5 | 28.4 | 34 | | | |
| 7 | " " | " | 85 | " | " | 42.8 | 28.6 | 32.5 | | | |
| 8 | " " | 3/4 C171 | 288 | 1.19 dia | 1.112 | 31.9 | 28.6 | 31 | | | |

DP 17/5/88

Fee £ : :

Expenses £ : :

£ : :

To be paid by