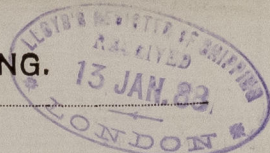


No. 1119

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of Steel Plates manufactured by Heardale Iron Works of Spennymoor
for Boiler No. 984 to be constructed by Blain & Co of Stockton
for Shipping 167 No 154

Date first visit 14th Jan'y '88 last visit _____ No. of visits _____

The Plates specified in the accompanying copy of Advice Notes were rolled from
1 charges. The tensile test has been applied to 1 samples as set forth below,
and the temper and bending tests were good.

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>boiler plate</u> | | <u>14684 a</u> | | <u>.874</u> | <u>1.48</u> | <u>.800</u> | <u>22.98</u> | <u>28.4</u> | <u>2.4</u> | <u>17.1.88</u> |

Fee £ : :

Expenses £ : :

£ : :

To be paid by

W. R. Austin

Surveyor, Lloyd's Register,

Great Hall Street