

No. 4156.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 46 Steel ~~bars~~ manufactured by The Steel Co. of Scotland of Newton
for Boiler No. 280 to be constructed by Gourlay Bros of Dundee
for ✓

Date first visit ✓ last visit ✓ No. of visits constant attendance

The ✓ specified in the accompanying copy of Advice Notes were rolled from
✓ charges. The tensile test has been applied to 6 samples as set forth below,
and the temper and bending tests applied to piece off
each length 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.		
	<u>Rounds</u>	<u>R222</u>		<u>499</u>	<u>1.19</u>	<u>6ia</u>	<u>1.112</u>	<u>32.2</u>	<u>28.9</u>	<u>33.0</u>	
		<u>---</u>		<u>510</u>	<u>1.2</u>	<u>"</u>	<u>1.13</u>	<u>32.5</u>	<u>28.7</u>	<u>31.0</u>	
		<u>---</u>		<u>520</u>	<u>1.2</u>	<u>"</u>	<u>1.13</u>	<u>33.0</u>	<u>29.2</u>	<u>31.0</u>	
		<u>J103</u>		<u>422</u>	<u>1.2</u>	<u>"</u>	<u>1.13</u>	<u>32.3</u>	<u>28.5</u>	<u>31.5</u>	
		<u>---</u>		<u>416</u>	<u>1.2</u>	<u>"</u>	<u>1.13</u>	<u>33.2</u>	<u>29.3</u>	<u>29.5</u>	
		<u>---</u>		<u>418</u>	<u>1.2</u>	<u>"</u>	<u>1.13</u>	<u>33.7</u>	<u>28.9</u>	<u>28.5</u>	

29.
4/1/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by



Surveyor, Lloyd's Register,

H. Band
Glasgow
2/1/87