

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 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>29.5</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



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H. Sand
Surveyor, Lloyd's Register,
Glasgow

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