



No. 3010

(Received in London Office)

## TESTS OF BOILER STEEL.

Tests of 21 Steel bars manufactured by The Steel Co. of Scotland of Newton  
 for Boiler No. 155 to be constructed by Row & Macklin of Paisley  
 for Blackwood London 206

Date first visit \_\_\_\_\_ last visit \_\_\_\_\_ No. of visits \_\_\_\_\_

The 21 bars specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 3 samples as set forth below,  
 and the temper and bending tests as required by circular No. 438

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	<i>P. L. bar 2 dia</i>			<i>952</i>	<i>1.18</i>	<i>did.</i>	<i>1.094</i>	<i>31.5</i>	<i>28.7</i>	<i>25.5</i>	
2				<i>941</i>	"	"	"	<i>31.35</i>	<i>28.6</i>	<i>25.0</i>	
3				<i>948</i>	"	"	"	<i>32.1</i>	<i>29.3</i>	<i>26.0</i>	<i>mm</i> <i>5/11/85</i>

Fee ..... £ : :  
 Expenses £ : :  
 £ : :

To be paid by \_\_\_\_\_



*A. Baird*  
 Surveyor, Lloyd's Register,  
*Glasgow*  
 24-10-85