

No. 5404

(Received at London Office, ...)

TESTS OF BOILER STEEL.

Tests of 27 Steel *bars* manufactured by *The Steel Co of Scotland* of *Newtown* for Boiler No. *241* to be constructed by *Messrs. J. L. Thomson* of *Chapelbank* for the *S.S. No. 241* building by the *same firm*

Date first visit *13th Oct* last visit *1st Nov.* No. of visits *constant attendance.*

The *specimens* specified in the accompanying copy of Advice Notes were rolled from *charges*. The tensile test has been applied to *4* samples as set forth below, and the temper and bending tests *applied to pieces cut off each bar 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.		
	<i>Angles</i>										
	<i>6 x 4 x 3/4</i>	<i>4576</i>		<i>631</i>	<i>85</i>	<i>122</i>	<i>1057</i>	<i>30.5</i>	<i>29.4</i>	<i>20.5</i>	
	<i>6 x 4 1/2 x 1/2</i>	<i>Stock</i>		<i>76</i>	<i>50</i>	<i>121</i>	<i>608</i>	<i>17.4</i>	<i>28.7</i>	<i>25.8</i>	
	<i>6 x 4 x 3/4</i>	<i>4576</i>		<i>633</i>	<i>76</i>	<i>122</i>	<i>927</i>	<i>27.4</i>	<i>29.5</i>	<i>22.5</i>	
	<i>5 1/2 x 4 x 1/2</i>	<i>6332</i>		<i>390</i>	<i>48</i>	<i>122</i>	<i>588</i>	<i>17.4</i>	<i>29.7</i>	<i>26.5</i>	

ASJ
4.11.87

GLS213-0128

Fee £ : :
 Expenses £ : :
 £ : : To be paid by

J. M. Johnston
 Surveyor, Lloyd's Register,
 Glasgow 1/11/87
 Lloyd's Register Foundation