

## TESTS OF BOILER STEEL.

Tests of *S* Steel *plate* manufactured by *The Steel Co of Scotland of Glasgow*  
for Boilers No. *241* to be constructed by *Messrs J & W Thomson of Glasgow*  
for the *S.S. No. 241* building by the same firm

Date first visit *11/10/87* last visit *25/10/87* No. of visits *3*

The *specifications* specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to *2* samples as set forth below,  
and the temper and bending tests *to a shearing off each plate, with*  
*satisfactory results*

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.	Brlth.	Area.	Total	Sq. Inch		
					Inch.	Inch.	Inch.	Tons.	Tons.		
<i>1</i>	<i>Manhole doors</i>	<i>Stock</i>		<i>8682</i>	<i>1.36</i>	<i>1.12</i>	<i>1.523</i>	<i>42.53</i>	<i>27.9</i>	<i>28</i>	<i>Cross piece</i>
<i>2</i>	<i>"</i>	<i>F301</i>		<i>8982</i>	<i>1.32</i>	<i>1.14</i>	<i>1.505</i>	<i>43.1</i>	<i>28.6</i>	<i>26</i>	

*DP*  
*27/10/87*

GLS213-0124

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

*J. Roberts*  
Surveyor, Lloyd's Register.  
*Glasgow*  
*23/10/87*