

No. 5859

(Received at London Office, \_\_\_\_\_)

## TESTS OF BOILER STEEL.

Tests of 11 Steel plates manufactured by *The Steel Co. of Scotland* of *Blackburn* for Boiler No. *207* to be constructed by *Harland & Wolff* for *S.S. No. 207* building by *Harland & Wolff*

Date first visit *27th Oct* last visit *23rd Nov 1887* No. of visits *6*

The *plates* specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to *10* samples as set forth below, and the temper and bending tests to *6* samples representative of each plate advised 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.	%	
1	End plate	H 264		9066	.9	1.3	1.17	34.0	29.0	22.5	
2	"	H 267		9095	.815	1.26	1.027	29.35	28.5	30	
3	"	L 292		9187	.895	1.2	1.074	30.5	28.3	27.5	
4	"	L 252		9227	.83	1.29	.988	29.5	29.8	24.5	
5	"	L 307		9372	.87	1.16	1.009	27.5	27.2	24.5	
6	Shell	B 309		8887	1.23	1.06	1.304	39.0	29.9	20.5	
7	"	J 339		8910	1.24	1.13	1.401	41.75	29.8	21	
8	"	B 311		8973	1.19	1.17	1.392	40.3	28.9	22.5	
9	"	B 311		8974	1.21	1.17	1.416	40.3	28.4	22	
10	"	F 336		9025	1.23	1.29	1.587	45.9	28.9	26	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

J. S. Thomson

Surveyor, Lloyd's Register.

Glasgow 26/11/87



Lloyd's Register  
Foundation