

## TESTS OF BOILER STEEL.

No. **688**  
 Cont. of

Tests of Steel plate manufactured by The Steel Co. Scotland of Blochain  
 for Boiler No. 207 to be constructed by Messrs. Harland & Wolff of Belfast  
 for

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

The \_\_\_\_\_ specified in the accompanying copy of Advice Notes were rolled from  
 \_\_\_\_\_ charges. The tensile test has been applied to \_\_\_\_\_ samples as set forth below,  
 and the temper and bending tests \_\_\_\_\_

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. <i>Dimensions</i>	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	5-9 1/2 x 40 1/2 x 7/16	J.305		2371	.585	1.14	.667	19.55	29.3	24	
2	5-5 x 43 3/4 x 5/8	"		2573	.635	"	.724	21.2	29.2	22.5	
3	5-9 1/2 x 40 1/2 x 7/16	L.247		2392	.56	"	.638	19.35	30.3	23.5	Rejected. 2.
4	5-9 x " x "	F.303		2478	"	"	"	18.4	28.8	22	
5	" x " x "	"		2481	"	"	"	18.55	29.0	21	
6	10-6 x 12 1/4 x 7/8	K.321		8852	.89	1.34	1.193	32.7	27.4	30	
7	8-5 x 43 3/4 x 7/16	K.295		9027	.58	1.13	.655	17.5	26.7	27.5	
8	3-10 1/2 x 40 1/2 x "	H.260		9037	.53	1.28	.679	18.7	27.5	26.5	

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

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

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*J. H. Roberts*  
 Surveyor, Lloyd's Register.  
*Glasgow*  
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BELSS-0002

