

No. 8829

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of ⁹ Steel ~~plate~~ manufactured by ~~The Steel Co. of Scotland of~~ *Blochain*
for ^{Dr.} Boiler No. *214* to be constructed by *Harland & Wolff* of *Belfast*
for *their S/S. No 214 British Empire* *Del. Report- 3550*

Date first visit *25/9/88* last visit *29/9/88* No. of visits

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to *7* samples as set forth below,
and the temper and bending tests *to a shearing off each plate 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.	%	
1	Bottom. BK.	$\frac{3}{8}$ C.287		7493	.65	1.16	.754	22.3	29.5	24.5	
2	Shell	$\frac{1}{2}$ L.315		7521	.51	1.38	.704	20.9	29.6	27.5	
3	"	C.282		7538	.52	1.25	.65	18.1	27.8	28.5	
4	Top. Front.	$\frac{3}{8}$ C.285		7569	.625	1.15	.719	20.2	28.0	27.5	
5	Shell	$\frac{1}{2}$ F.288		7574	.51	"	.587	16.5	28.1	26.5	
6	C. C. BK.	$\frac{15}{32}$ D.299		7618	.48	"	.552	15.5	28.0	24	
7	BK. Top	$\frac{3}{8}$ M.321		7622	.62	1.16	.719	21.25	29.5	25.5	Cross piece

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.