

No. 4452

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of '5' Steel plates manufactured by *The Steel Co. of Scotland of Glasgow*
for Boiler No. *214* to be constructed by *Messrs. Harland & Wolff of Belfast*
for their S.S. No. *214 British Empire Belfast Rep. N=3550*

Date first visit *28/5/88* last visit *3/6/88* No. of visits

The 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 plate 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		
					Inch.	Inch.	Inch.	Tons.	Tons.	%	
1	C.C. 1 1/2	F.156		8763	.585	1.39	.813	23.75	29.2	26.5	
2	Tube plate 3/4			669	.76	1.27	.965	28.75	29.7	25	
3	C.C. 1 1/2	B.170		3480	.61	1.49	.909	25.3	27.8	28	

W & F
12/6/88

Fee £ : :

Expenses £ : :

£ : :

To be paid by

J. J. Roberts
Surveyor, Lloyd's Register.
Glasgow
5/6/88