

No. 4940

(Received at London Office, 28 JUN. 33)

TESTS OF BOILER STEEL.

Tests of 11 Steel plates manufactured by the Steel Co. of Scotland of Glasgow for Boiler No. 214 to be constructed by Messrs. Harland and Wolff of Belfast for their S.S. No. 214 British Empire. See Report No. 9550.

Date first visit 22/6/38 last visit 26/6/38 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 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.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Top End pl. 1 1/2	F. 188		749	1.09	1.16	1.264	37.2	29.4	24.5	
2	Botm. " " 1 3/16	A. 192		752	.83	"	.963	27.65	28.7	22	
3	" " " "	L. 206		757	.84	"	.974	27.3	28.0	22.5	

DR
4/7/38

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register,

BELES-6305