

No. 8423

(Received at London Office,

22 SEP. 88

TESTS OF BOILER STEEL.

Tests of 10 Steel plates manufactured by The Steel Co. of Scotland of Blochairn for Boiler No. 2116 to be constructed by Hawthorn Leslie & Co. of Newcastle for their S/S R. 287

Date first visit 12/9/88 last visit 20/9/88 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. <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	13-6 x 57 7/8 x 1/2	B.288		328	1.1	1.29	1.419	41.4	29.1	24.5	
2	End plate 1/4	H.311		416	1.27	1.28	1.626	47.6	29.2	30	
3	" " "	H.306		418	1.28	"	1.638	47.75	29.1	25	
4	" " "	J.280		5610	.93	1.38	1.283	37.6	29.3	24.5	
5	2-6 x 26 1/4	E.254		5618	1.28	1.28	1.638	48.5	29.6	25	
6	End plate 7/8	Stock		5619	.88	1.2	1.056	30.85	29.2	23.5	
7	" " "	M.308		581	1.28	"	1.536	46.1	30.0	25	

Fee £ : :
Expenses £ : :
£ : :

To be paid by

Surveyor, Lloyd's Register.