

No. 8238

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of 23 Steel plates manufactured by The Steel Co. of Scotland of Blochaim for Boiler No. 43 to be constructed by Messrs D. W. & Co. of Liverpool for Messrs C. J. Biffers & Co. 12

Date first visit 31/7/88 last visit 6/8/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 10 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.	Br.lth.	Area.	Total	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Stay plates 3/4	G.220		926	.77	1.17	.901	27.0	29.9	25.5	
2	Shaps 1	H.248		948	1.01	"	1.182	35.7	30.2	22	Rejected. 12.
3	"	A.237		992	1.03	1.16	1.195	34.3	28.7	22	
4	Bk. Tube pl. C. 3/4	F.231		2811	.775	1.11	.86	28.7	33.3	19.5	Rejected. 1.
5	Fuebox Sides 1/2	B.246		9116	.5	1.37	.685	18.85	27.5	26	
6	"	L.245		9232	.51	"	.699	20.55	29.4	21.5	Cross piece
7	"	D.238		9279	.64	1.48	.947	27.8	29.3	24	do
8	Bk. Tube pl. C. 3/4	J.237		155	.795	1.16	.922	24.6	26.6	27	
9	Stay plates	K.262		194	.76	1.45	1.102	32.75	29.7	23	
10	Fuebox Sds. 1/2	E.212		3039	.55	1.48	.874	23.5	28.8	22	Cross piece

Fee £ : :
Expenses £ : :
£ : :

To be paid by

J. J. Roberts
Surveyor, Lloyd's Register.

Glasford
6/8/88