

S.S. "Saikio Maru" Glasgow Report No. 8590.  
LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING  
No. 5498



TESTS OF BOILER STEEL.

Tests of 10 Steel plates manufactured by The Steel Co. of Scotland of Bochum  
for Boilers No. 255 to be constructed by The S.S. Glasgow Co. of Glasgow  
for the S.S. No. 255 building by the same firm

Date first visit 16/9 last visit 20/9/87 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 8 samples as set forth below,  
and the temper and bending tests to a shearing taken from 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	Shell	0.241		8733	1.27	1.22	1.549	43.53	28.1	25	Cross piece Rejected
2				"	"	"	"	42.1	27.1	23	
3	Shell Straps	H.220		8809	1.16	1.26	1.462	39.7	27.1	7	
4	Dr. Tube pl. w/	F.237		8826	.915	1.12	1.025	28.7	28.0	23	(Hq. Br) - do - - do - Cross piece - do -
5	Dr. Tube Fin box	G.234		8674	.8	1.36	.68	19.0	27.9	28.5	
6	Top of Dome	B.235		8765	.485	1.27	.616	18.4	29.8	26	
7	Dr. Tube plate	B.236		1623	.65	1.12	.728	19.5	26.7	28	22.9.87
8	Dome Shell	A.269		1748	.533	"	.622	18.53	29.8	23	

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by

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R. Robert  
Surveyor, Lloyd's Register  
Glasgow  
20/9/87

9220-602579



The Lon. Vols. Co.  
No. 253 Br



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