

No. 4486

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received at London Office,

RECEIVED

12 MAY 88

TESTS OF BOILER STEEL.

Tests of 47 Steel plates manufactured by The Steel Co. of Scotland of Blochairn  
for Boiler No. 418 to be constructed by Messrs Hall Russell & Co. of Aberdeen  
for the S.S. "Sabulamengi"

Date first visit 28/4/88 last visit 9/5/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 12 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.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Tube pl. 7/8	F.123	1	179	.89	1.31	1.166	35.15	30.1	17	Rejected. 3.
2	Front Top. 1	F.133	1	165	1.00	"	1.31	41.2	31.4	18	Rejected. 1.
3	Str. Ch. Shell 1/2	F.120	4498	4498	.57	1.34	.764	22.4	29.3	30	✓
4	Tube plate 7/8	C.131	2381	2381	.87	1.22	1.061	32.4	30.5	20.5	Rejected. 2.
5	End " 1	H.155	2375	2375	1.02	1.28	1.306	34.3	26.2	28	✓
6	Straps 1 1/2	M.137	2393	2393	.955	1.24	1.184	36.65	30.9	21	Rejected. 5.
7	" "	G.136	45	45	.92	1.16	1.067	31.7	29.7	29	✓
8	Tube pl.	L.134	20	20	.96	1.32	1.267	35.5	28.0	26	✓
9	Shell 1 1/2	H.155	38	38	1.27	1.44	1.829	53.7	29.3	25	✓
10	Tube pl. 7/8	B.149	81	81	.88	"	1.267	35.4	27.9	27	✓
11	Shell 1 1/2	J.138	110	110	1.24	1.47	1.823	54.2	29.7	28	✓
12	Str. Ch. Shell 1 1/2	G.133	3092	3092	.46	1.27	.584	16.65	28.5	28	✓

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by