

No. 4531

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received at London Office)

TESTS OF BOILER STEEL.



Tests of 11 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 4/88 to be constructed by Messrs. Hall Russell & Co. of Aberdeen for the S.S. "Sabulamanzi".

Date first visit 10/5/88 last visit 14/5/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 5 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	Firebox 17/32	J. 141		7031	.51	1.3	.663	17.6	26.5	26.5	✓
2	Plate 15/16	G. 142		227	.975	1.27	1.238	40.0	32.3	15.5	Rejected. 1.
3	Front Btm 13/16	A. 137		233	.805	1.29	1.038	30.7	29.5	23-	✓
4	Shell 17/32	H. 139		280	1.24	1.27	1.575	44.4	28.1	30	Cross piece ✓
5	"	A. 133		290	1.23	1.29	1.587	42.95	27.0	29	✓

DP 17/5/88

Fee £ : :
Expenses £ : :
£ : :

To be paid by

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J. L. Roberts
Surveyor, Lloyd's Register,
Glasgow
14/5/88
ABN19-0289