

No. 4643

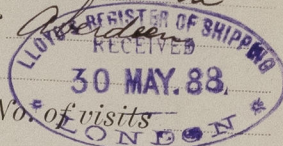
TESTS OF BOILER STEEL.

(Received at London Office,

Tests of 15 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 488 to be constructed by Messrs Hall Russell & Co. of Glasgow for the S.S. "Sabulamenzi".

Date first visit 14/5/88 last visit 28/5/88 No. of visits 2

The charges. The tensile test has been applied to 4 samples as set forth below, and the temper and bending tests to a shearing off each plate with satisfactory results.



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. <sup>2</sup>	Tons.	Tons.		
1	Firebox Bk. 17/32	A.303		7509	.545	1.29	.703	18.4	26.1	27	✓
2	" " "	J.156		7924	.58	1.19	.69	18.1	26.1	29	✓
3	End plate 13/16	A.156		422	.63	1.32	1.096	32.5	29.6	23	✓
4	Steam Chest pipe 3/4	B.165		8169	.74	1.19	.881	23.3	26.4	27.5	✓

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

To be paid by

*J. M. Roberts*  
 Surveyor, Lloyd's Register.  
*Glasgow*  
*28/5/88*