



No.

## TESTS OF BOILER STEEL.

Tests of 66 Steel plate manufactured by Messrs Cammell & Co of Sheffield  
for Boiler No. 200.1 to be constructed by C. Ottolenghi & Co of Hull  
for S.S. Albanian & Milan preparing boiler S.S. Harold.

Date first visit 7<sup>th</sup> Feb /88 last visit March 14<sup>th</sup> No. of visits 2

The Plates specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 11 samples as set forth below,  
and the temper and bending tests from strips cut 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.	%	
2	Fire box	A132	✓	1	.54	2.005	1.08	28.3	26.2	28.1	
3	End plate	H168	✓	2	.68	1.46	.992	26.6	26.8	25.0	
4	Shell	H167	✓	4	.5	2.005	1.002	28.6	28.5	23.4	
7	Shell	I303	✓	7	.82	1.19	.975	27.6	28.3	18.7	
16	Turnover	A131	✓	10	.525	2.086	1.052	27.8	26.4	32.0	
13	Back tube plate	A127	✓	13	.68	1.46	.992	26.4	26.6	28.9	
16	Fire box	H141	✓	16	.56	1.75	.98	26.6	27.2	28.1	
18	do	A125	✓	18	.56	1.75	.98	26.0	26.4	25.0	
21	Shell top	I302	✓	21	.5	1.9	.95	25.4	26.7	28.1	
26	Shell top	H171	✓	26	.48	1.99	.966	25.5	26.7	24.6	
32	Stakes	A95	✓	32	.38	1.99	.756	20.4	27.0	25.0	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

William Parker  
John F. Waller  
Surveyor, Lloyd's Register,