

No. 4532

(Received in London Office, RECEIVED

-5 APR. 87

## TESTS OF BOILER STEEL

Tests of 751 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 201 to be constructed by Messrs Harland & Wolff of Belfast. for their S.S. No. 201 "Oceana" Bel. Reg. No. 3402

Date first visit March 11<sup>th</sup> 1887 last visit March 30<sup>th</sup> 1887 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to samples as set forth below, and the temper and bending tests to a piece from each bar

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	Rivet Bar 1 5/8 Dia	286		1	1.30	Dia	1.327	36.31	27.3	32.0	
2	"	"		12	"	"	"	37.20	28.0	30.0	
3	"	"		23	"	"	"	35.90	27.0	33.0	
4	"	"		37	"	"	"	34.76	26.1	33.5	
5	"	"		47	1.31	"	1.348	35.18	26.0	33.0	
6	"	"		60	1.30	"	1.327	38.24	28.7	33.5	
7	"	"		71	"	"	"	36.34	27.3	30.5	
8	"	"		85	"	"	"	36.42	27.4	31.0	
9	"	"		94	1.31	"	1.348	37.43	27.7	28.0	
10	"	"	2172	1	"	"	"	37.30	27.6	32.0	
11	"	"	"	6	"	"	"	37.15	27.4	31.0	
12	"	"	"	11	"	"	"	38.0	28.1	32.5	
13	"	"	"	16	"	"	"	38.20	28.3	30.5	
14	"	"	"	25	"	"	"	35.60	26.4	31.0	
15	"	"	2163	29	"	"	"	37.18	27.5	31.0	
16	"	"	"	34	"	"	"	37.32	27.6	34.0	
17	"	"	"	39	"	"	"	36.9	27.3	26.0	
18	"	"	"	45	"	"	"	37.18	27.5	29.5	
19	"	"	"	50	"	"	"	39.03	29.0	29.5	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

H. M. Dove  
Surveyor, Lloyd's Register,

31.3.87