

A. J. Robina, "M. Hpl. Report No. 5342."

No. 968.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office)

## TESTS OF BOILER STEEL.

Tests of 16 Steel plates manufactured by Mr. D. Colville of Motherwell for Boiler No. 763 to be constructed by Messrs J. Richardson of Hartlepool for S.S. 197 building by J. L. Thompson & Son.

Date first visit 11.5.83 last visit 23.5.83 No. of Visits 3

The steel plates specified in the accompanying copy of Advice Notes were rolled from 9 charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to a sample taken from each of the 16 plates all of which proved satisfactory.

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.	8-1 x 77 1/2 x 7/16	958	1	859	.428	1.945	.832	22.48	27.0	28.0	
2.	18-8 x 28 1/2 x 15/32	C703	1	1017	.44	1.232	.542	15.28	28.1	20.5	
3.	7-9 x 90 x 1/2	H54	2	1275	.484	1.68	.813	23.03	28.3	26.0	

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.

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by *Mr. J. Colville*

Surveyor, Lloyd's Register,

*CR Burnard*  
20/6/83  
Glasgow.  
SLD947-0139