

S. S. Cousins Arbitrator's Report No. 5044.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 458.

(Received in London Office) RECEIVED 30th AUG. 81

## TESTS OF BOILER STEEL.

Tests of 12 Steel Plates manufactured by Mr. D. Colville of Motherwell for Boiler No. 739 to be constructed by Mr. J. Richardson of Hartlepool for Ship, ke 209 building by Messrs Raylton Dixon & Co

Date first visit 7<sup>th</sup> July 1882 last visit 4<sup>th</sup> August No. of Visits 2

The Steel Plates specified in the accompanying copy of Advice Notes were rolled from 1 charges. The tensile test has been applied to 2 samples as set forth below, and the temper and bending tests to samples representative of every plate, all of which proved satisfactory.

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	17' 7" x 31" x 15/32"	C.422	1	5/4	465	1537	714	20.44	28.6	24.5	
2	6' 9 1/2" x 69" x 11/16"	F.98	1	289	69	174	1.2	32.57	27.1	28.3	

M 307/82

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

To be paid by Mr. D. Colville

H. W. Coomber  
Surveyor, Lloyd's Register,

STK906-0279