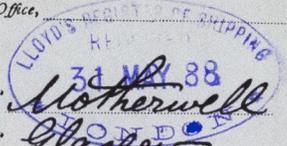


No. 4696

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of ¹⁰⁷3 } ^{Bars} Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 379/80 to be constructed by Messrs Jas Howden & Co of Glasgow for Messrs Harland & Wolff's S.S. No. 213.

Date first visit May 22nd 1888 last visit May 26th 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to a shearing from each plate & to a piece from one of the bars 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.	%	
1	Stay Bars 2 5/8 Dia	D50		23	1.38	Dia 1.496	44.02	29.4	21.5		
2	9.10 x 32 x 5/8	C186		3929	.63	1.651	0.39	29.10	28.0	23.0	
3	21.11 x 63 1/4 x 1 1/4	H674		4564	1.26	1.051	3.23	37.53	28.4	23.0	

H.M. Dove
5/6/88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

H.M. Dove
 Surveyor, Lloyd's Register
 Glasgow
 29.5.18