

No. 2622.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 62 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. Q32 to be constructed by Messrs Blair & Co. of Stockton for Messrs Wigham & Co. S.S. N. 139

Date first visit May 7th 1885 last visit No. of visits

The _____ specified in the accompanying copy of Advice Notes were rolled from _____ charges. The tensile test has been applied to 7 samples as set forth below, and the temper and bending tests as required by Circular N. 438.

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	Inside Tube Plate	2817		1914	.9	1.72	1.528	45.06	29.1	25.0	
2	Shell	H673		1196	1.12	1.29	1.444	39.43	27.3	29.0	
3	End Tube Plate	K353		1092	1.0	1.52	1.52	44.94	29.5	28.5	
4	Shell	H670		1106	1.13	1.31	1.48	43.36	29.3	24.0	
5	Top End	F10		1114	1.15	1.31	1.576	42.67	28.3	26.5	MW 27/5/85
6	Shell Butt Straps	Stock		7824	.96	1.24	1.190	33.39	28.0	30.0	
7	Comb. Ch. Bottom & Shell Straps	Stock		8046	.94	1.58	1.485	42.50	28.6	32.5	

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by Manufacturers Clayton

H. W. Dove

Surveyor, Lloyd's Register,

