

No. 3929.

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 17 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell
for Boiler No. 940 to be constructed by Messrs Blair & Co of Stockton
for Messrs Withy & Co's S.S. No 142

Date first visit Sept. 27. 1886 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 2 samples as set forth below, and the temper and bending tests to a shearing from each plate

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	Flange box bottom 1/2	N623		2615	1.01	1.63	1.646	46.80	28.4	31.0	
2	" " Top	D409		2566	.56	1.96	1.097	30.83	28.1	30.0	

Fee £ : :
Expenses £ : :
£ : :
To be paid by



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H. M. Dore
Surveyor, Lloyd's Register.
Glasgow
12.10.86