

TESTS OF BOILER STEEL

Tests of 10 Steel Plate manufactured by Messrs D Colville & Sons of Motherwell  
for Boiler No. 256 to be constructed by Messrs W.B. Thompson & Co of Dundee  
for their S.S. No 81

Date first visit May 18<sup>th</sup> 1887 last visit May 30<sup>th</sup> 1887 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to samples as set forth below,  
and the temper and bending tests to a shearing from each plate with  
satisfactory results.

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.	Brldth.	Area.	Total.	Sq. Inch			
					Ins.	Ins.	Ins.	Tons.	Tons.	%		
1	10.7 3/4 x 52 1/2 x 1/2	M141			27.67	.49	1.54	754	21.11	28.0	27.0	
2	- x - x -	C879			38.09	.50	1.98	990	29.97	30.2	22.0	
					.50	1.68	.840	25.10	29.8	22.0		
				</								

RF.  
2/6/87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

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H. M. D. O. U. E.  
Surveyor, Lloyd's Register.

31.5.87 Glasgow