

**TESTS OF BOILER STEEL**

Tests of 86 Steel bars manufactured by W. Beardmore & Co. of Whitehead for Boiler No. 148 to be constructed by D. Rowan & Sons of Glasgow for S. S. No. 276 Building by A. McMillan & Son of Dumbarton. Date first visit 14<sup>th</sup> Jan. 1887 last visit ✓ No. of visits 1

The bars specified in the accompanying copy of Advice Notes were rolled from D 218 charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to samples representative of each bar advised, 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	Stay bar	D 218		32	.99 Dia.	.769	21.5	27.9	30		
2	-	-		40	.99	.769	21.9	28.4	27		
3	-	-		26	.99	.769	21.7	28.2	30		

BP  
31/1/87

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

To be paid by

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 Surveyor, Lloyd's Register  
 Glasgow  
 Foundation