

No. 5189

TESTS OF BOILER STEEL.

Tests of 9 Steel Bars manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 957 to be constructed by Messrs Blain & Co of Stockton on Tees for Messrs C. S. Swan & Hunters, S.S. No 105

Date first visit July 8<sup>th</sup> 1887 last visit July 14<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 2 samples as set forth below, and the temper and bending tests to a piece from each bar 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.	Brth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Stay Bar 2 3/8 Dia	M190		15	.77	2.00	1.54	46.16	29.9	24.5	
2	- 1 1/2 -	2582		11	1.50	Dia	1.767	57.70	29.2	30.0	

D.P.  
19/7/87

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

To be paid by

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A. M. Done  
Surveyor, Lloyd's Register  
Classon  
18.7.87