

*S.S. Fishhire* N. Hpl Report to #6572

No. 5312

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received at London Office,



**TESTS OF BOILER STEEL.**

Tests of 16 Steel Bars manufactured by Messrs Deville & Sons of Motherwell for Boiler No. 957 to be constructed by Messrs Blair & Co. of Stockton for Messrs Swan & Hunter's S.S. No. 105.

Date first visit August 12<sup>th</sup> 1887 last visit August 16<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.	Brdth.	Area.	Total.	Sq. Inch	%	
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Stay Bar 2 1/2 dia	2612		27	.79	1.98	1.564	45.15	28.8	24.0	
2	" - 2 3/8 -	-		37	.76	1.98	1.564	42.42	28.2	27.5	

*D.P. 25/8/87*

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

To be paid by



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 Surveyor, Lloyd's Register  
 Glasgow  
 23.8.87