

No. 5111

(Received at London Office)

TESTS OF BOILER STEEL.

Tests of 8 Steel T-bar manufactured by The Steel Co. of Scotland of Newton.  
for Boiler No. 283 to be constructed by Gourley Bros. of Dundee.  
for Messrs Gourley Bros. No. 132. vessel.

Date first visit 22 June last visit 30. June No. of visits attended

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to six samples as set forth below, and the temper and bending tests applied to sample of each length 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.	%	
	T-bar.	8.838		792	53	1.22	646	19.0	29.4	24	
	5 x 4 x 1/2	"		797	52	1.22	634	18.7	29.4	19	Reject
		"		794	52	1.23	64	18.9	29.5	24	Replace bar for one rejected
		"		793	51	1.22	622	18.2	29.2	24	
		"		799	53	"	647	19.1	29.5	23.5	
		"		800	55	"	671	19.3	28.7	22.0	

D.P. 4/7/87

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

To be paid by

J. M. Johnston.  
Surveyor, Lloyd's Register.  
Glasgow. 1/7/87