

No. 4500

(Received at London Office,

## TESTS OF BOILER STEEL.

Tests of 23 Steel Plates manufactured by Messrs. DeLorville & Sons of Motherwell for Boiler No. 132 to be constructed by Messrs. J. & J. Thomson of Glasgow for Messrs. Workman Clark & Co. S.S. No. 58

Date first visit April 25<sup>th</sup> 1888 last visit May 5<sup>th</sup> 1888 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

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	Top End Plate	N328			5695	.82	1.81	1.454	44.30	29.8	20.5	
2	Doubling Plates	J319			7489	.81	1.80	1.458	41.94	28.7	24.5	
3	Back Tube Pl. Centre	J315			5604	.93	1.02	.948	26.34	27.7	22.0	
4	Shell Inner Ring	C181			6066	1.21	.97	1.173	31.25	26.6	24.0	
5	DB. Top of Fire Box	Stock			28	.55	1.62	.891	25.50	28.6	23.0	
6	Front Tube Plate	P371			64	.95	1.76	1.634	48.03	29.3	27.5	
7	DB. Shell Plate	M455			.551	.68	1.70	1.156	31.00	26.8	25.0	

12/5/88

© 2019

12/5/88

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

© 2019  
H. M. Dove  
Surveyor, Lloyd's Register,  
Glasgow  
10.5.88