

LLOYD'S REGISTER RECEIVED  
-9 AUG. 88

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 8266

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 22 Steel Plates manufactured by Messrs. N. Beardmore & Co. of Parkhead  
for Boiler No. 868, to be constructed by Messrs. J. Richardson & Co. of Huddersfield.  
for the S.S. No. 289 building by Messrs. R. Dixon & Co. of Middlesbrough.  
Date first visit 12<sup>th</sup> July, last visit 7<sup>th</sup> Aug. No. of visits Constant attendance.

The specifications specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 4 samples as set forth below,  
and the temper and bending tests applied to piece cut off 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. <i>Dimensions</i>	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	17.1178 x 67 x $\frac{5}{16}$	B109	A	658	.93	1.14	1.06	31.0	29.2	25.0	
	" " " "	"	B	"	.93	1.14	1.06	32.1	30.2	14.0	
	" " " "	"	B	"	.93	1.2	1.116	31.9	28.5	25.5	
	" " " "	"	B.	"	.94	1.17	1.099	31.9	29.0	29.0	
2	17.82 x 67 x $\frac{5}{16}$	B186	A	640	.91	1.2	1.092	30.9	28.2	23.0	
	" " " "	"	B	"	.91	1.2	1.092	30.3	27.7	24.0	
3	12.8 x 48 x $\frac{3}{16}$	M201		845	.81	1.21	.98	28.0	28.5	27.0	
4	5.7 x 17 x $\frac{3}{4}$	171		460	.76	1.25	.95	27.1	28.5	31.0	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

*Wm. Stronach*  
Surveyor, Lloyd's Register,  
Glasgow 7/8/88