

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. _____

(Received at London Office, _____)

28/4/88

TESTS OF BOILER STEEL.

Tests of ~~round~~ Steel bars manufactured by Messrs John Brown of Sheffield for Boiler No. _____ to be constructed by Messrs John Penn of London for _____

Date first visit 19th April last visit 20th April 1888 No. of visits 2

The bars specified in the accompanying copy of Advice Notes were rolled from _____ charges. The tensile test has been applied to 30 samples as set forth below, and the temper and bending tests were satisfactory

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		
								Tons.	Tons.		
					Thickn.	Ins.	Ins.				
1	Rivets { 411 bars }			790		.70	.384	10.75	27.9	29	
	"			800	"	"	"	11.00	28.6	27	
	"			810	"	"	"	10.5	27.3	30	
	"			820	"	"	"	11.25	29.2	26	
	"			830	"	"	"	11.25	29.2	26	
	"			840	"	"	"	10.5	27.3	30	
	"			850	"	"	"	11.0	28.6	29	
	"			860	"	"	"	11.5	29.9	27	
	"			870	"	"	"	11.5	27.3	31	
	"			880	"	"	"	11.25	29.2	27	
	"			890	"	"	"	11.5	29.9	26	
	"			900	"	"	"	10.0	26.0	26	
	"			910	"	"	"	10.5	27.3	33	
	"			920	"	"	"	10.5	27.3	28	
	"			775	"	"	"	10.5	27.3	28	
	"			784	"	"	"	11.0	28.6	28	
	1 1/4 Stay bars (22 bars)			941	1.13	1.002		26.5	26.4	25	
	"			944	"	"	"	26.5	26.4	32	
	"			945	"	"	"	31.75	31.6	23	Rejected
	"			947	"	"	"	27.0	26.9	29	
	"			955	"	"	"	26.5	26.4	33	
	"			959	"	"	"	26.25	26.1	28	
	1 1/2 Stay bars (32 bars)			931	"	"	"	29.0	28.9	24	
	"			932	"	"	"	27.0	26.9	30	
	"			935	"	"	"	27.5	27.4	29	
	"			936	"	"	"	27.5	27.4	28	
	"			979	"	"	"	26.5	26.4	30	
	"			966	"	"	"	26.75	26.6	29	
	"			971	"	"	"	26.0	25.9	29	
	"			982	"	"	"	26.5	26.4	26	

Fee £ : :

Expenses £ : :

£ : :

To be paid by _____

