

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No.

(Received at London Office, 28/4/88)

TESTS OF BOILER STEEL.

Tests of ~~new~~ 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		
					Thickn.	Ins.	Ins.	Tons.	Tons.	%	
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



© 2021

Lloyd's Register
Surveyor, Lloyd's Register,
Foundation
London