

Glasgow Reports Nos 6848 + 6950

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 2045

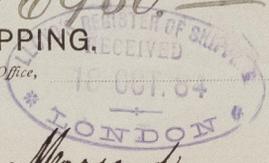
(Received in London Office, 16 Oct. 84)

TESTS OF BOILER STEEL.

Tests of 112 Steel Stays manufactured by Messrs Neilson Bros of Glasgow for Boiler No. 200.1 to be constructed by Messrs A. Stephen & Sons of Glasgow for the Wepelo building by the same firm

Date first visit Oct 10th last visit Oct 13th No. of Visits 2

The Stays specified in the accompanying copy of Advice Notes were rolled from 3 charges. The tensile test has been applied to 9 samples as set forth below, and the temper and bending tests to samples representative of each bar advised 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.	2 1/2 dia	a189		1	.9	.636	16.45	26.3	28		
2.	"	"		3	.92	.665	19.1	28.4	24		
3.	"	b885		11	.91	.652	17.6	24	28		
4.	"	"		14	.9	.636	18.	28.3	28		
5.	"	"		14	"	"	14.4	24.3	30		
6.	2 1/4	"		19	"	"	18.1	28.4	26		
7.	"	"		20	.89	.621	17.5	28.1	28		
8.	1 1/2	3945		5	.93	.649	18.3	24	31		
9.	1 1/4	"		9	.915	.66	18.45	28.4	28		

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D.S. 2/10/84

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 G. L. Hindmarsh
 Surveyor, Lloyd's Register,
 Glasgow 14/10/84

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by Messrs Neilson Bros Glasgow