

Glasgow Reports Nos 6831 & 6844.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 2044.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 43 Steel Stays manufactured by Messrs Neilson Bros of Glasgow for Boiler No. 394.5 to be constructed by "R Napier & Son of Glasgow for Vessels 394 & 5 building by the same firm

Date first visit Oct. 10<sup>th</sup> last visit Oct. 13<sup>th</sup> No. of Visits 2.

The Stays specified in the accompanying copy of Advice Notes were rolled from 2 charges. The tensile test has been applied to 4 samples as set forth below, and the temper and bending tests to samples representative of each bar advised the results being 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.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	1 3/8 dia	D199.	32	.89	.621	14.5	28.1	18	See duplicate		
	"	"	"	.92	.665	18.8	28.2	24	" Passed		
2	"	"	35	.92	.665	18.25	27.4	30			
3	"	"	37	.89	.621	14.3	27.8	24			
4	"	"	40	.9	.636	17.1	26.8	28			
5	1 1/8 "	A255	42	.9	.636	18.	28.3	26			
6	"	"	45	.89	.621	14.5	28.1	22.5			
7	"	"	36	.88	.608	16.4	26.9	22			

D.P.  
21/10/84

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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

GLS202-0017