

No. 164

(Received in London Office, )

TESTS OF BOILER STEEL.

Tests of 98 Steel Plates manufactured by Laudore Siemens Steel Co of Laudore  
for Boiler No. 441 to be constructed by Messrs Laird Bros of Birkenhead  
for Vessel designated No 532.

Date first visit 14<sup>th</sup> Nov<sup>r</sup> last visit 22<sup>nd</sup> Nov<sup>r</sup> No. of Visits 4

The Plates specified in the accompanying copy of Advice Notes were rolled from  
14 charges. The tensile test has been applied to 8 samples as set forth below,  
and the temper and bending tests to every slab 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.		
300	14.2 1/2 x 3-3 x 3/4	391 H	3	(300H)	.75	1.03	.771	21.	27.2	29.	98 plates rolled in 60 slabs
331	14.2 1/2 x 3-3 x 3/4	397 H	4	"	.75	1.04	.78	21.	26.9	27.5	
289	14.2 1/2 x 3-3 x 3/4	310 B	2	"	.76	1.03	.782	21	26.8	27.5	
287	14.2 1/2 x 3-3 x 3/4	304 G	2	"	.76	1.03	.782	22.125	28.2	27.	
678	5.2 Skelch x 7/8	173 D	3	"	.62	1.	.62	16.75	27.	27.	
645	6.7 1/2 x 2.9 1/2 x 7/16	183 D	2	"	.44	1.21	.532	15.	28.1	28.	
674	5.9 Skelch 1 1/16	412 H	2	"	.67	1.22	.817	23.25	28.4	26.	
700	7.3 Skelch Stock		2	"	.49	.97	.475	12.875	27.1	28.	

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by Laudore Steel Co Swansea