

No. 4888



TESTS OF BOILER STEEL.

Tests of 11 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 28 to be constructed by Messrs. W. & A. Lewis of Belfast for the S.S. No. 28 building by the same firm "Titanic".
Date first visit 23/5 last visit 27/5 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 11 samples as set forth below, and the temper and bending tests 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.	%	
	Gr. Ch. Sides	K.153		3618	44	1.17	515	14.15	27.4	26.5	
	Furnace butt	J.141		3964	3	1.17	351	10.0	28.5	24	
	Furnace plate	A.142		2903	36.5	1.16	423	12.3	29.0	22	
	Ch. Tube plate	K.147		2944	52	1.16	603	17.9	29.6	25	
	Shell	E.133		3067	43	1.17	503	14.8	29.4	22	
	"	E.134		3070	44	1.16	51	14.0	27.4	26.5	
	"	J.134		3113	43.5	1.16	505	14.9	29.5	25	
	End plate	R.19		3116	58	1.26	731	20.4	27.9	29	cross piece
	"	R.21		3117	57	1.26	718	19.9	27.7	26	
	Gr. Ch. Sides	L.112		3134	48	1.16	557	15.45	27.7	19	Rejected
	" " back	E.135		3226	42	1.16	487	13.0	26.6	24	

D.P. 2/6/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.

Glasgow

W^c Swaine & Lewis
Sty. B. No. 28



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Foundation

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