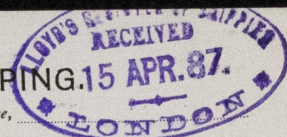


No. 4625

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 62 Steel Plates manufactured by The Steel Co. of Scotland of Blochaine for Boiler No. 28 to be constructed by Messrs. Thos. Swaine & Sons of Belfast for Titanic. Ref. Rep. 3422.

Date first visit 10th March last visit 30th March No. of visits 7

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 17 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.	%	
	Comb. Ch.	B.66		999	.58	1.27	.737	21	28.5	26	
	Back Tube	L.574		1196	.7	1.27	.889	24.1	27.1	20.5	Cross piece
	"	D.61		1339	.665	1.27	.845	22.15	26.2	27	7074
	"	G.53		8696	.72	1.34	.965	26.5	27.4	20	
	Shell Strap	A.66		8847	.97	1.34	1.3	37.4	28.7	26	
	"	"		8844	.97	1.14	1.106	31.35	28.3	27	
	Comb. Ch.	H.57		1873	.565	1.27	.718	21.6	30	21	6300
	"	H.63		2665	.57	1.27	.724	19.45	26.8	30	
	"	"		2679	.545	1.11	.605	16.6	27.4	28	
	"	E.60		2689	.57	1.11	.633	18.3	28.9	25	
	"	"		2714	.56	1.11	.621	18.5	29.7	24	7128
	Shell Strap	E.59		8913	.97	1.12	1.086	32.25	29.7	25	Cross piece
	"	G.55		8934	.96	1.28	1.229	35.1	28.5	22	6270
	Back Tube	G.55		8950	.765	1.23	.941	28.1	29.8	23	6854
	Spout	A.72		8990	.84	1.25	1.05	31.6	30	23.5	6750
	Comb. Ch.	A.71		2873	.555	1.23	.683	19.95	29.2	25.5	7346
	"	C.77		2883	.57	1.12	.638	17.8	27.9	23.5	6556

Fee £ : :

Expenses £ : :

£ : :

To be paid by



Surveyor, Lloyd's Register, Glasgow
15/4/87