

No. 8391

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received at London Office,

22 AUG. 88

TESTS OF BOILER STEEL.

Tests of 21 Steel plates manufactured by *The Steel Co. of Scotland* of *Glasgow* for Boiler No. *—* to be constructed by *James Lindsay & Co.* of *Dundee* for the S.S. "*Plow*"

Date first visit *3/8/88* last visit *20/7/88* No. of visits *—*

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 *to a shearing off each plate with* *Satisfactory results.*

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	Bk. plate 3/4	J.237	132	.78	1.47	1.147	32.2	28.0	22		
2	Shells 1 1/2	H.278	732	1.16	1.21	1.404	40.65	28.9	24		Cross piece
3	End pl. 1 1/2	E.215	210	1.07	1.3	1.391	41.55	29.8	22		
4	" " 1 1/2	D.242	247	.86	1.31	1.127	29.7	26.3	30		
5	" " 1 1/2	H.265	343	1.07	1.24	1.327	38.2	28.7	22.5		
6	C.B.T.P. 3/4	D.259	835	.79	1.43	1.13	30.9	27.3	26		
7	Trubor 7/16	F.243	503	.57	1.26	.718	21.1	29.3	22		
8	C. " Bk. " "	H.278	770	.59	1.37	.808	24.0	29.7	26		
9	" " " "	F.246	625	.58	1.26	.731	20.4	27.9	21.5		
10	B.T.P. 3/4	E.225	576	.78	1.3	1.014	29.9	29.4	23.5		
11	Shaps 1 1/2	J.239	600	1.1	"	1.43	42.75	29.8	22		

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22-8-88

Fee £ : :

Expenses £ : :

£ : :

To be paid by

J. Robert
Surveyor, Lloyd's Register,
Glasgow
20/8/88