

No. 8326

(Received at London Office,

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15 AUG. 88

TESTS OF BOILER STEEL.

Tests of 28 Steel plates manufactured by The Steel Co. of Scotland of Glasgow
for Boiler No. S.S.T. to be constructed by Messrs. Harland & Wolff of Belfast
for the S.S. "Hursby" Belfast Report No. 3586.
Date first visit 31/7/88 last visit 13/8/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 10 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.		Extens. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Furnace Room 1/2	E.251		8982	5.15	1.29	.664	18.5	27.8	26.5	Cross piece
2	" " "	F.229		9001	5.3	1.2	.636	23.3	36.6	20	Cross piece. Rejected. 1.
3	" " "	B.245		9061	5.2	1.37	.712	19.75	27.7	27.5	
4	" " "	Stock		9091	5.2	1.38	.718	18.7	26.0	26.5	Cross piece
5	Pl. Tube pl. up. 5/8	J.219		9212	6.25	1.14	.713	20.75	29.1	24	
6	C. C. Pl. 1 1/2	A.223		9213	4.75	"	.541	16.0	29.5	26	
7	Top Front 7/8	E.210		2825	5.75	"	.998	29.95	30.0	21	
8	Shaps 1/2	J.235		32	5.2	1.48	.77	23.15	30.0	23	
9	C. C. Pl. 1 1/2	F.234		3155	4.8	1.1	.528	14.9	28.2	25.5	
10	Furnace Shaps 3/8	J.236		3242	3.8	"	.418	12.5	29.9	26	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.