

No. 8225

-4 AUG. 88

TESTS OF BOILER STEEL.

Tests of 22 Steel plate manufactured by The Steel Co. of Scotland of Blochairn for Boiler No. S.S.T. to be constructed by Messrs Harland & Wolff of Belfast for the S.S. "Chursey" Belfast Report No. 3586.

Date first visit 11/7/88 last visit 21/8/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 12 samples as set forth below, and the temper and bending tests to a shearing off each plate 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.	Brith.	Area.	Total	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Bk. Tube pl. 5/8	G.207		7243	.61	1.47	.897	26.0	28.9	26	✓
2	" Top 7/8	C.216		791	.905	1.27	1.149	33.4	29.0	22.5	✓
3	C.C. Sides C. 1 1/2	D.229		8267	.48	1.38	.662	19.8	29.9	28	✓
4	Bk. Tube pl. wgs. 5/8	C.216		8268	.64	1.37	.877	24.4	27.8	28	✓
5	C.C. top wgs. 7/8	D.231		8445	.53	1.3	.689	19.05	27.6	27.5	✓
6	Shell 1 1/16	A.236		950	.7	1.18	.826	24.8	30.0	24	✓
7	Btm. Front 5/8	C.220		8765	.635	1.26	.8	23.9	29.8	23.5	✓
8	Shell 1 1/16	A.236		966	.725	1.28	.928	27.9	30.0	24.5	✓
9	C. Bk. 5/8	L.252		996	.65	1.29	.839	24.8	29.5	26	✓
10	Btm. " "	E.209		2807	.63	"	.813	24.4	30.0	25.5	✓
11	Furnace Crown 1/2	H.280		8934	.53	1.2	.636	22.6	35.5	17	Rejected. 2.
12	C.C. Sides 1 1/2	A.249		9024	.495	1.29	.638	18.5	28.9	25	✓ Crown piece

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8.8.88

Fee £ : :
Expenses £ : :
£ : :

To be paid by

Surveyor, Lloyd's Register.