



No. 1350

TESTS OF BOILER STEEL.

Tests of 52 Steel plates manufactured by The Steel Co of Scotland, of Blochairn, Glasgow for Boilers No. 166-70 to be constructed by Messrs Harland & Wolff of Belfast for S/S No 166 building by Harland & Wolff

Date first visit last visit 24/10/83 No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 6 samples as set forth below, and the temper and bending tests As required by Circular No 438

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.	%	
1	Comb. Chant	D460		9058	5	1-21	605	16-49	27-2	26.	The remainder of
2	J -	B444		1073	54	1-22	658	17-2	27-0	27.	The plates advised
3	Furnace Bottom	D460		9058	5	1-21	605	16-49	27-2	26.	were tested by the
4	Shell butt straps	B442		1530	62	1-18	731	19-2	26-2	26.	Steel Co & the results
5	Furnace crown	D450		1611	54	1-22	658	19-7	29-9	25.	stamped upon
6	J- Bottom	B442		1497	48	1-16	558	15-85	28-5	23.	Each plate

M 29/10/83

Fee £

Expenses £

£

To be paid by The Steel Co

Surveyor, Lloyd's Register,

Glasgow

27/10/83



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