



No. 1228

TESTS OF BOILER STEEL.

Tests of 7<sup>th</sup> Steel plate manufactured by The Steel Co of Scotland of Glasgow, Glasgow for Boiler No. 166/70 to be constructed by Hunt & Holland & Co of Belfast for

Date first visit                      last visit 1/9/83 No. of Visits                     

The                      specified in the accompanying copy of Advice Notes were rolled from                      charges. The tensile test has been applied to 8 samples as set forth below, and the temper and bending tests as required by Circular 7243

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	Shell plates	1415		8773	.24	1.19	.982	25.2	26.2	26.	The remainder of the plates advised were tested by the Steel Co. & the results stamped upon each plate.
2	Furnace crown	13405		388	.54	1.15	.621	16.5	29.7	21.5	
3	Comb <sup>ns</sup> Churn sides	8626		1901	.53	1.3	.609	18.22	26.4	26.5	
4	Shell plates	11350		1923	.715	1.3	1.02	29.6	28.7	23.5	
5	- do -	3372		1572	.22	1.29	1.057	28.75	27.1	24.5	
6	- do -	-		1378	.22	1.29	1.057	28.75	27.1	27.	
7	Middle back.	2393		852	.65	1.4	.746	21.4	28.6	26.	
8	Bottom do	1269		9634	.74	1.16	.858	25.4	29.6	23.	

D.J. 27/9/83

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James Webb  
Surveyor, Lloyd's Register  
Glasgow 25/9/83

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by The Steel Co