

TESTS OF BOILER STEEL.

Tests of Steel plate manufactured by The Steel Co. of Scotland of Blochaim  
for Boiler No. 160 to be constructed by Messrs D. Rowan & Sons of Glasgow  
for Messrs Mc. Millan & Sons. No 286 Sp

Date first visit 6/7/88 last visit 24/7/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 6 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 Dimensions	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	2-5-5 x 3/8	A.217		3368	.61	1.32	.805	21.7	26.9	22	
2	Shell 7/16	A.223		3765	.44	1.19	.53	15.2	28.6	24	
3	9-6 1/4 x 5/4 x 9/16	E.194		3784	.59	"	.708	20.0	28.2	24	
4	5-7-5 x 1/2	A.222		3789	.52	1.46	.759	20.0	26.3	29	Cross piece
5	Shell 7/16	A.224		3865	.44	"	.642	18.2	28.3	29	
6	End 1/2	L.238		3797	.51	1.19	.607	16.6	27.3	25	Cross piece

D.F.  
26/7/88

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

To be paid by

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J. Robert  
Surveyor, Lloyd's Register.  
Glasgow  
24/7/88  
Foundation