

No. 8884

TESTS OF BOILER STEEL.

Tests of 11 Steel plate manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 278 to be constructed by H. B. Thompson & Co. of Dundee for a Str. building by the same firm.

Date first visit 14/9/88 last visit 3/10/88 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.

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	9-1 x 57 x 1/2	F.269		5808	.52	1.17	.608	17.6	28.9	21	
2	11-8 x 39 1/2 x 1/4	A.303		7766	.69	1.4	.966	28.8	29.8	26	Cross piece
3	9-1 x 41 x 1/2	J.288		7987	.51	1.13	.576	18.3	26.5	29	
4	End plate 3/4	A.305		8020	.74	1.15	.851	23.6	27.7	24	
5	2-3 x 10 1/2 x 5/8	F.292		8027	.64	1.23	.787	21.75	27.6	31	
6	9-1 x 57 x 1/2	D.306		8062	.52	1.41	.733	20.6	28.1	25	MSB

Fee £ : :
Expenses £ : :
£ : :

To be paid by