

TESTS OF BOILER STEEL.

Tests of 10 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 255 to be constructed by The London & Glasgow Co. of Glasgow for the S. S. No. 255 building by the same firm

Date first visit 13/6/87 last visit 31/10/87 No. of visits 6

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 11 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.	Brdth.	Area.	Total	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	End plate	D.229		879	.815	1.32	1.076	30.25	28.1	23	
2	"	H.222		1841	.935	1.28	1.197	32.6	27.2	27	Cross piece
3	"	D.249		9170	.95	"	1.216	35.15	28.9	26	
4	W. Tube plate	J.270		9215	.89	1.16	1.033	30.0	29.0	23	
5	"	"		"	.895	1.15	1.029	29.6	28.7	22	Cross piece
6	"	L.224		9228	.89	1.31	1.166	33.0	28.3	26.5	
7	"	"		"	.88	1.15	1.072	28.1	27.7	27	Cross piece
8	End plate	D.256		9381	.85	1.29	1.097	29.9	27.2	23.5	
9	End plate	G.281		9389	.84	1.27	1.067	29.7	27.8	25	
10	End plate	"		"	.83	1.25	1.038	28.7	27.6	21.5	Cross piece
11	W. Tube plate	A.297		2080	.91	1.3	1.183	34.65	29.2	21	

Fee £ : :

Expenses £ : :

£ : :

To be paid by