

TESTS OF BOILER STEEL.

Tests of 9 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 253 to be constructed by The London & Glasgow L. & S. of Glasgow for the S.S. No. 253 building by the same firm

Date first visit 19/9 last visit 23/9/87 No. of visits 3

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 taken from 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	Shell	C.256	8903	1.25	1.28	1.6	45.5	28.4	23-	} Cross piece	
2			"	"	"	"	46.25	28.9	25.5		
3	Shell	H.224	8922	1.24	1.13	1.401	40.7	29.0	21	} Cross piece	
4			"	"	1.29	1.6	44.9	28.0	21.5		
5	2" x 1/2" plate w/	K.293	8945	.91	1.28	1.165	32.65	28.0	22.5		
6	Shell Straps	O.242	8956	1.14	"	1.459	38.35	26.2	27.5		
7	Furnace Plate	K.291	1906	.575	"	.659	19.25	29.2	22	Cross piece (Dky. B?)	
8	Shell	C.259	8972	1.24	1.18	1.463	43.45	29.6	22	} Cross piece	
9			"	"	"	"	43.0	29.3	23		
10	Shell	F.266	9000	1.27	"	1.499	42.0	28.0	22.5	} Cross piece	
11			"	"	1.29	1.638	45.6	27.8	24.5		

Hoff 26.9.87

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26.9.87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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Foundation
Glasgow
23/9/87

The Lon. Vlls. Ly. Co.

No. 255-B



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