

No. 6034

(Received at London Office)

TESTS OF BOILER STEEL



Tests of 4 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boilers No. 241 to be constructed by Messrs. W. & A. Thomson of Glasgow for the S.S. "W. 241" building by the same firm

Date first visit 14/12/87 last visit 19/12/87 No. of visits 4

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 to a shearing of 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	G. 535		8808	1.21	1.2	1.452	43.5	29.9	23	} Cross piece
2		-	"	"	1.3	1.09	1.417	39.8	28.0	23	
3	Shell	H. 314		8868	1.27	1.14	1.448	39.25	27.1	23.5	} Cross piece
4		-	"	"	"	"	"	39.1	27.0	22	
5	Shell	A. 356		8872	1.28	1.13	1.444	40.45	27.9	24	} Cross piece
6		-	"	"	1.29	1.15	1.484	41.25	27.7	22	
7	Shell	G. 360		8897	1.3	1.06	1.378	37.1	26.9	25	} Cross piece
8		-	"	"	"	"	"	37.25	27.0	25	

27.12.87

GLS213-0139

Fee £ : :
 Expenses £ : :
 £ : : To be paid by

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 J. Roberts
 Surveyor, Lloyd's Register, Glasgow
 19/12/87