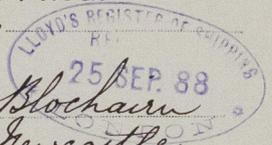


No. 8438

TESTS OF BOILER STEEL.



Tests of 10 Steel plates manufactured by *The Steel Co. of Scotland of Blocharn* for Boiler No. 2122 to be constructed by *Hawthorn Leslie & Co. of Newcastle* for *their S/S. No. 291*

Date first visit 4/9/88 last visit 22/9/88 No. of visits _____

The _____ specified in the accompanying copy of Advice Notes were rolled from _____ charges. The tensile test has been applied to 7 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 1/16	H.313		589	1.1	1.3	1.43	41.4	28.9	21.5	Cross piece
2	Shell 1/16	M.310		668	1.26	1.39	1.751	52.15	29.7	23.5	
3	"	D.283		436	1.26	1.19	1.499	44.6	29.7	22	
4	End plate 1/16	A.284		449	1.11	1.2	1.332	37.9	28.4	24	
5	Shell 1/16	O.239		525	1.27	1.37	1.74	52.05	29.9	21.5	
6	9-3 1/2 + 5/8 + 5/8	B.279		6309	.605	1.38	.835	23.9	28.6	23	Cross piece
7	" + - + -	H.213		6431	.645	1.4	.903	25.0	27.6	24	

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

J. Roberts
 Surveyor, Lloyd's Register.
Glasgow
 22/9/88