

No. 8924

(Received at London Office)

9 OCT 83

TESTS OF BOILER STEEL.

Tests of 15 Steel plates manufactured by *The Steel Co of Scotland of Glasgow*
for Boiler No. 2116 to be constructed by *W. & A. Leslie & Co of Newcastle*
for *Her N. No 287*

Date first visit *25/9/88* 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. <i>Dimensions</i>	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 1/8	C.286		881	1.15	1.25	1.438	42.6	29.6	22.5	From piece
2	End pl. 1/4	T.300		999	1.3	1.38	1.794	53.1	29.5	23	
3	"	H.325		1060	1.3	1.15	1.495	43.95	29.3	22	
4	1-6 x 15 x 3/4	A.303		7967	.74	1.12	.829	24.25	29.2	27	
5	Shell 1/8	B.316		1118	1.15	1.23	1.415	41.6	29.3	24	
6	"	C.294		1132	1.17	1.37	1.603	47.95	29.9	25	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.