

No. 4044

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of 4 Steel plates manufactured by The Steel Co. of Scotland of Blochain
 for Boiler No. 232 to be constructed by Messrs. Adam & Co. of Glasgow
 for the S.S. No. 14 building by S. M. Knight & Co.

Date first visit 20/3/88 last visit 27/3/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from
 charges. The tensile test has been applied to 3 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	Shell 1 1/16	F. 79		645	1.3	1.14	1.482	49.5	33.4	10.5	Rejected .1.
2	" "	Stack		669	1.3	1.17	1.521	41.6	27.3	31.5	
3	End pl. 7/8	"		764	1.3	1.177	1.521	33.5	28.4	27	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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 J. J. Roberts
 Surveyor, Lloyd's Register,
 Glasgow
 28/3/88