

No. 565.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office, 11 NOV. 82.)

TESTS OF BOILER STEEL.

Tests of ~~57~~ Steel plates manufactured by the Steel Co. of Scotland at Blochairn, Glasgow, for Boiler No. 66 to be constructed by Messrs Bailey & Litham of Hull, for steam vessel Lorne

Date first visit 20th June/82 last visit 3rd Oct/82 No. of Visits 10

The steel plates specified in the accompanying copy of Advice Notes were rolled from 34 charges. The tensile test has been applied to 6 samples as set forth below, and the temper and bending tests to samples representative of every plate advised. They were all satisfactory.

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	K382	1	5976	.69	1.34	.924	27.5	29.7	29.	
2	Top End	H615	1	710	.705	1.14	.803	22.57	28.1	24.5	
3	Shell	L355	2	805	.7	1.36	.952	25.84	27.1	30.	
4	Back Tube plate	G630	2	717	.65	1.35	.877	23.74	27.	27.	
5	Furnace	G12	1	8606	.51	1.34	.683	19.95	29.2	23.5	
6	Do.	K2	1	8593	.5	1.355	.677	18.39	27.1	25.	

N. B. The samples used for tensile tests and all the plates were annealed.

W. Nelson

Fee £ : :

Expenses £ : :

£ : :

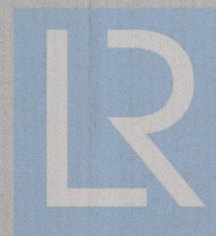
To be paid by the Steel Co. of Scotland

HUL395-0155

Surveyor, Lloyd's Register

W. Nelson
1/11/82

/Kull



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