S.S. "Lady Arthur Hill"

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

No. 2194.

(Received in London Office)

LLOYD'S REGISTER OF SHIPPING RECEIVED 22 DEC. 84 LONDON

TESTS OF BOILER STEEL.

Tests of 40 Steel plates manufactured by David Colville & Sons of Motherwell.
for Boiler Nos 213-4 to be constructed by Mc Ilwaine & Lewis of Belfast.
for S.S. No. 24 building by same firm.

Date first visit ____ last visit 19.12.84 No. of Visits Constant attendance

The plates 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 proved satisfactory.

No.	~~Purpose.~~ Dimensions	Charge Mark	No. of plates or bars in same charge	Mark on plate and test piece.	Dimensions. Thickn. Ins.	Dimensions. Brdth. Ins.	Dimensions. Area. Ins.	Ultimate Stress. Total. Tons.	Ultimate Stress. Sq. Inch. Tons.	Exten. in 8 ins. %	Remarks.
1	18.9½ × 5.7 × 3/4	m316	~	5658	.77	1.565	1.205	36.14	29.9	29.5	
2	18.7½ × " × "	k313	~	5728	.75	1.555	1.166	35.8	30.7	27.5	
3	6.6 × 29 × ½	m315	~	532	.51	1.71	.872	23.71	27.1	24	
4	5.6 × 52 × 45 × 7/16	m337	~	2500	.43	1.658	.712	18.72	26.2	26.	
5	6.3 ~~ds~~ × 52 × 3/8	f8526	~	5790	.66	1.02	.673	18.7	27.7	26	
6	7.1 × 50 × 3/8	n261	~	2569	.378	1.218	.46	12.86	27.9	22	

JM 22/12/84

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.

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by D. Colville & Sons. Glasgow.

C. E. Burney
Surveyor, Lloyd's Register, 20/12/84.

[6000 –18/6/81.]

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