

Glasgow Report No 6534

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 1594.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 55 Steel plates manufactured by Wm D. Colville of Motherwell for Boiler No. 391 to be constructed by Messrs R. Napier & Sons of Glasgow for S.S. No 391 building by same firm.

Date first visit 26.10.83 last visit 28.12.83 No. of Visits 4

The steel 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 to a sample taken from each of the plates advised all of which proved 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.	10.1" x 51 1/2" x 1/2"	2104	-	3224	.497	1.112	.552	16.07	29.1	21.0	
2.	9.10 x 51 1/2" x 1/2"	4539	-	621	.578	1.50	.777	20.68	26.6	23.0	
3.	9.0 x 51 1/2" x 1/2"	4230	-	873	.478	1.522	.727	20.85	28.6	25.0	
4.	7.5 x 64 x 1/2"	1327	-	3048	.5	1.45	.725	21.21	29.2	22.5	
5.	3.1 x 16 x 1"	114	-	1579	1.032	1.38	1.424	42.74	30.0	25.0	
6.	12.8 1/2 x 42 3/4 x 5/8"	9215	-	4442	.63	1.176	.737	20.98	28.4	21.5	

11/1/84

GLS198-0218

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 Wm D. Colville Glasgow

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C Burney  
Surveyor, Lloyd's Register, 8/1/84.