

Glasgow Report No 6534

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

No. 1594.

(Received in London Office, 9 JAN. 84)

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.

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.	10.1" x 51 1/2" x 1/2"	2104	-	3224	4.97	1.112	5.52	16.07	29.1	21.0	
2.	9.10 x 51 1/2" x 1/2"	4539	-	621	5.78	1.50	7.77	20.68	26.6	23.0	
3.	9.0 x 51 1/2" x 1/2"	4230	-	873	4.78	1.522	7.27	20.85	28.6	25.0	
4.	7.5 x 64 x 1/2"	1327	-	3048	.5	1.45	7.25	21.21	29.2	22.5	
5.	3.1 x 16 x 1"	K4	-	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	

M. Napier 1/1/84

Fee £ : :

Expenses £ : :

£ : :

To be paid by Wm. D. Colville of Glasgow.

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