

Steel L.S. "Camborne Castle"

Barrow Report No 3672

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 807.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 30 Steel Plates manufactured by Messrs J.W. Beardmore of Parkhead for Boiler No. 105 to be constructed by The Barrow Shipbuilding Co of Barrow-in-Furness for

Date first visit Dec. 28. 1902 last visit Mar 4. 1903 No. of Visits 5

The 30 Plates specified in the accompanying copy of Advice Notes were rolled from 24 charges. The tensile test has been applied to 6 samples as set forth below, and the temper and bending tests to a shearing from each plate with satisfactory results.

15 lbs 105-20

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	9'-6" x 81" x 17/16	1374		1095	.7	1.21	847	22.8	26.9	22.5	
2	Outer Shell	1256		962	.6	1.31	786	22.77	28.9	23.5	
3	Steam Dome Top	11319		686	.48	1.27	609	17.35	28.4	23.	
4	8'-6" x 38" x 5/8	11407		1020	.62	1.38	853	24.01	28.	26.	
5	Steam Dome Shell	11246		359	.41	1.53	635	17.27	27.2	27.	
6	Back Tube plate	1393		53	.53	1.44	792	22.41	28.2	25	

Im 25/4/83

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by The Steel Manufacturers.

Surveyor, Lloyd's Register, Glasgow 24.4.83

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