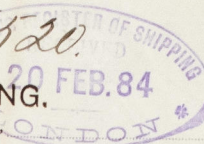


S. S. "Invermay" W. Spl Report N. 5520.

No. 1635

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of ~~44~~ Steel plates manufactured by Messrs Neilson of Mossend for Boiler No. 899 to be constructed by Messrs Blair & Co of Stockton, for S.S. no 97 building by Turnbull & Sons; Whitby

Date first visit 26.1.84 last visit 8.2.84 No. of Visits 2

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 shearing 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. Dimensions	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	3.10 dia & 11/16	8728	—	5240	.67	1.42	.951	25.75	27.0	26.	
2	13.6 3/4 x 6 11/16	7737	—	574	.85	1.41	1.198	31.5	26.3	22.	
3	5.5 x 38 1/2 x 7/8	8730	—	486	.86	1.41	1.212	34.25	28.2	25.	
4	8 7/8 x 55 1/2 x 1/2	8720	—	577	.505	1.43	.722	20.6	28.5	27.	
5	7.6 x 31 1/2 x 1/2	13162	—	493	.47	1.5	.705	19.8	28.0	29.	
6	7.0 x 5 1/2 x 7/16	813	—	608	.43	1.47	.632	16.8	26.5	30.	

Am 20/2/84

Fee £ : :

Expenses £ : :

£ : :

To be paid by Messrs Neilson

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