

No. 7843

Glasgow Report No 8828.  
LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 32 Steel Plates manufactured by Messrs D Colville & Sons of Motherwell  
for Boiler No. 401 to be constructed by Messrs Ross & Duncan of Glasgow  
for the S.S. "Belox"

Date first visit June 7<sup>th</sup> 1888 last visit June 14<sup>th</sup> 1888 No. of visits

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

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 plate or bars in same charge	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins.	Remarks.
					Thickn.	Brlth.	Area.	Total	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	8.10x4.5x4.4 1/2 R x 4.5 1/2 x 7/8	H681		1070	.42	2.01	.844	22.67	26.7	26.0	
2	9.0 1/2 x 6.8 x 3/8	H682		1204	.37	1.60	.592	15.82	26.7	26.0	
3	5.7 x 3 1/2 x 3/8	C235		1630	.37	1.70	.629	17.68	28.1	28.0	
4	11.0 1/2 x 7.2 x 3/8	H681		1510	.38	2.09	.794	22.50	28.3	24.0	
5	8.10 x 5 1/2 x 3/8	S866		2033	.36	1.40	.504	14.46	28.6	28.5	

W.M.D.

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register

15.6.88