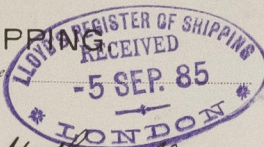


No. 2896.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 92 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell
for Boiler No. _____ to be constructed by Messrs Barclay Curle & Co. of Glasgow
for the S.S. Cowland.

Date first visit August 21st 1885 last visit _____ No. of visits _____

The _____ specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 10 samples as set forth below,
and the temper and bending tests as required by Circular No 487.

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.	Brlth.	Area.	Total.	Sq. Inch		
					In.	In.	In.	Tons.	Tons.	%	
1	Shell	Q725		4326	.55	1.39	.764	21.02	27.5	28.5	
2	Front Top	£128		4298	.67	1.11	.743	20.16	27.1	27.0	
3	Back Centre	Q725		4392	.60	1.39	.834	22.41	26.8	29.0	
4	Fire Box bottom	"		4550	.45	1.56	.702	20.4	29.0	25.0	
5	Side Fire box back	K539		4638	.46	1.26	.579	15.72	28.1	21.0	
6	Superheater Top	£589		6210	.63	1.49	.938	26.4	28.1	30.5	
7	Side Back Tube Plate	H774		5708	.71	1.15	.816	22.95	28.1	25.0	
8	Shell	£131		5780	.56	1.15	.644	17.71	27.5	28.0	
9	Front Tube plate	£592		2887	.50	1.69	.845	24.9	29.4	26.5	
10	Side Fire Box back	£27		5062	.44	1.15	.506	13.84	27.3	26.5	

D.S.
7/9/85

Fee £ : :

Expenses £ : :

£ : :

To be paid by



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H. M. D. one

Surveyor, Lloyd's Register.

Lloyd's Register
Foundation
4.9.85