

S. S. "Strathclyde" Glasgow Report N^o 9048

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received at London Office)

16 AUG. 88

No. 8334

TESTS OF BOILER STEEL.

Tests of 38 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell
for Boiler No. 315 to be constructed by Messrs A. Stephen & Sons of Glasgow
for their S. S. N^o 315

Date first visit August 3rd 1888 last visit August 14th 1888 o. 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

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	Shell Butt Strap	B427		5568	1.16	1.15	1.334	40.21	30.1	20.0	
2	Middle Shell Plate	C268		938	1.14	1.19	1.356	37.40	27.5	25.0	
3	Bottom of Comb. Ch.	C274		1644	.80	1.59	1.272	35.38	27.8	23.0	
4	Back Tube Plate	A598		1498	.95	1.55	1.472	41.16	27.9	22.5	
5	Front " "	N426		1508	.80	1.85	1.480	44.84	30.2	20.0	} ASD
					.81	1.38	1.117	32.33	28.9	22.0	
6	Top Front	N428		2182	1.08	1.10	1.188	36.34	30.5	27.0	
					1.08	1.32	1.425	42.28	29.6	24.0	}
7	End Shell Pl & Butt Strap	C275		2124	1.16	1.12	1.299	34.98	26.9	27.0	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

J. T. Findlay & A. M. Dove.
Surveyor, Lloyd's Register.
Glasgow
14.8.88