

S. S. "Algonquin" Glasgow Report No. 87,62
LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.
No. 5 915
TESTS OF BOILER STEEL.
Tests of 10 Steel plates manufactured by Messrs D. Colville & Co. of Motherwell
for Boiler No. 82 to be constructed by Dunsmuir & Jackson of Glasgow
for ✓



Date first visit 25/11/87 last visit 30/11/87 No. of visits ✓
The ✓ specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 9 samples as set forth below,
and the temper and bending tests applied to each plate and
bar with good 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 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.		
	6-3R x 4-4 x 3/4	K245		6604	.76	1.39	1.056	31.5	29.8	26.0	
	4-7 x 1-7 1/2 x 1 1/16	653		7774	.98	1.1	1.078	31.6	29.3	26.0	
	Rivets 27/32 dia	K238		32	.84	dia	.554	14.6	26.3	30.0	
	—	—		37	.84	"	.534	15.02	27.1	30.5	Rivets to be made by J. Miller
	— 29/32 —	7701		46	.9	"	.636	18.56	29.1	31.0	
	—	—		48	.9	"	.636	18.63	29.3	30.0	
	Staybars 2 1/2	Q371		18	.76	1.79	1.26	37.84	27.8	27.0	
	— 1 1/2	M301		99	.78	1.43	1.115	33.46	30.0	24.0	
	— 1 5/8	—		94	1.52	dia	1.815	51.85	28.5	32.0	

DP 6/12/87

Fee £ : :
Expenses £ : :
£ : :
To be paid by

© 2021
Lloyd's Register
Glasgow
3/12/87