

Tests of 106 Steel plates manufactured by The Steel Co of Scotland of Glasgow, Glasgow
for Boiler No. 121 to be constructed by Messrs Harland & Wolff of Belfast
for the S/S N. 121 building by them
Date first visit last visit 20/6/84 No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 13 samples as set forth below,
and the temper and bending tests as required by Circular N. 438

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.	%	
1	Shell plate	H693	✓2119	76	1.18	.896	24.9	27.7	23.	The remainder of the plates advised were tested by the Steel Co. and the results stamped upon each plate	
2	- 80 -	H659	✓1620	75	1.13	.847	23.2	27.3	23.5		
3	- 80 -	H668	✓1125	75	1.16	.862	25.35	29.4	25.		
4	- 81 -	H622	✓2268	78	1.13	.881	23.8	27.0	22.5		
5	- 82 -	H659	✓1884	75	1.16	.862	23.86	27.6	26.		
6	Back tube plate	H632	✓8529	77	1.16	.885	26.1	29.4	28.		
7	- 80 -	H399	✓875	68	1.16	.788	22.8	28.9	24.		
8	Comb. Chamber	H668	✓485	53	1.14	.604	16.75	27.7	23.		
9	- 80 -	H25	✓3884	52	1.19	.618	17.25	27.9	20.		
10	Back tube plate	H637	✓2079	67	1.13	.787	21.9	27.6	21.5		
11	Receiver shell	H644	✓1416	38	1.17	.444	12.3	27.7	26.		
12	Comb. Chamber	C614	✓3522	53	1.17	.62	17.1	27.5	24.		
13	Shell plate	H678	✓658	76	1.15	.874	25.1	29.7	18.5		
				74	1.1	.814	23.2	28.4	20.5	Duplicate sample and plate annexed	

D. J.
2/17/84
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D.S.
21/7/84

Fee £ : :
Expenses £ : :
£ : :

To be paid by The Steel Co of Scotland
James Webb
Surveyor, Lloyd's Register,
Glasgow 11/7/84