

No. 5121

TESTS OF BOILER STEEL.

Tests of 4 Steel Bars manufactured by Messrs DeCoville & Sons of Motherwell for Boiler No. 957 to be constructed by Messrs Blair & Co of Stockton for Messrs C. S. Swan & Hunter S.S. N° 105

Date first visit 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 6 samples as set forth below, and the temper and bending tests to a piece from each bar 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 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	Stay Bar 1 1/2 Dia	A246		30	1.50	Dia	1.767	48.20	27.10	32.0	
2	- 2 3/4	L182		198	.75	2.34	1.753	52.50	29.9	25.5	
3	-	-		216	.81	2.21	1.790	53.14	29.6	21.5	
4	- 2 5/8	A236		224	.77	2.22	1.709	57.22	29.9	26.5	
5	-	-		234	.76	2.35	1.786	52.95	29.5	28.0	
6	- 2 1/2	N57		272	.74	2.02	1.494	42.98	28.7	17.5	}
				272	.77	1.96	1.509	43.9	29.1	23.0	

D.P. 6/7/87

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by

© 2021  
H. M. Done  
Surveyor, Lloyd's Register.  
Glasgow  
27.57  
Foundation