

STEEL TESTS.

Date of Trial.	Where Tested.	Name of Builder of Ship.	Yard. No.	Description of Steel.	For what purpose intended.	Number of Sample.	Number of Plates or Angle Irons selected from.	Dimensions of Sample.			Breaking Strain of Sample.	Breaking Strain per Sq. Inch.	Elongation. in 8"	Forge Tests.				Remarks.
								Br'dth	Thick-ness.	Area.				Hot or Cold	Diamet'r required	Diamet'r bent to.	Results.	
								Ins.	Ins.	Ins.	Tons.	Tons.	Ins.		Ins.	Ins.		
21.9.87	The Bolton Steel & Iron Works	Stewart & Rathoun (late G. Skelton)	13	Siemens	angle for	36	140	2.667	.295	.787	23.2	29.46	31.2					
			14	Martin	Shipbuilding	48		1.99	.297	.591	17.55	29.7	27.3					
					5 x 3 x 5/16	72		2.817	.312	.879	25.35	28.8	31.2					
						89		2.647	.31	.820	24.15	29.45	28.1					
21.9.87	5%	5%	5%	5%	Floor Plates	79	64	2.21	.248	.548	16.85	20.9	18.7					
						75		2.21	.27	.597	17.45	29.2	28.1					
23.9.87	5%	5%	5%	5%	angle for	118	172	1.627	.293	.477	14.6	30.6	27.3					
					Shipbuilding	126		1.57	.293	.46	14.45	31.4	26.5					
					2 1/2 x 2 1/2 x 5/16	144		1.625	.297	.483	14.33	29.66	30.4					
						153		1.627	.3	.488	14.85	29.4	27.3					
						185		1.607	.307	.493	14.95	30.3	23.4					
						214		1.637	.315	.516	16.5	30.04	23.4					
Temper heads and cold heads made as per Rule & proved satisfactory																		
E. B. Champness																		



© 2021

Lloyd's Register Foundation

LON 723-0768

It is submitted these tests
are satisfactory & merit
the approval of the
Committee.

J.H.

27/9/87



© 2021

Lloyd's Register
Foundation