

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.	Forge Tests.				Remarks.
								Br'dth	Thick-ness.	Area.				Hot or Cold	Diamet'r required	Diamet'r bent to.	Results.	
								Ins.	Ins.	Tons.				Ins.	Ins.	Ins.	Ins.	
	Landore	J.L. Thompson		plates continued		654		1.04	.64	.665	19.	28.5	26.					
						630		1.04	.62	.644	18.50	28.7	29.					500 bend tests with satisfactory results
						650		1.04	.62	.644	18.50	28.7	27.					
						638		1.04	.37	.384	11.	28.6	28.					
						661		1.04	.37	.384	11.	28.6	23.					All plates marked in two places B.
						496		1.04	.56	.582	16.375	28.1	25					
						521		1.04	.54	.561	16.25	28.9	27.5					
						747		1.22	.49	.597	16.875	28.2	28.					Landore Steel Works August 1885 Thos Ashton
						749		1.22	.38	.463	13.25	28.6	23.					
						744		1.22	.31	.378	10.75	28.4	31.					
						748		1.22	.41	.5	14.25	28.5	22.					
						777		1.22	.4	.488	14.	28.6	24.					
						795		1.22	.32	.39	11.25	28.8	22.5					
						963		1.27	.37	.469	13.625	29.	28.					
						908		1.17	.36	.421	12.	28.5	25.					
						905		1.27	.36	.457	13.	28.4	23.					
						914		1.27	.55	.698	19.75	28.2	30.					
						885		1.23	.54	.664	18.50	27.8	32.					
						907		1.18	.37	.436	12.25	28.0	28.					
						845		1.27	.51	.647	18.25	28.2	23.					

T.B.
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