

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.	Ins.	Tons.	Tons.	Ins.		Ins.	Ins.		
	Landore	J.L. Thompson	209	Angles continued		235		1.27	.39	.495	13.625	27.5	28.					
						102		1.27	.36	.457	13.	28.4	25.					12 sets of ramshorns
						62		1.26	.37	.466	13.125	28.1	28.5					12 doubled & 12
						13		1.26	.36	.453	12.75	28.1	26.					pressed flat
						12			.75	.441	13.	29.4	26.					and 400 bent tests
						20			.75	.441	12.75	28.9	26.					with satisfactory
						22		1.12	.37	.414	12.	28.9	27.					results.
						10		1.12	.4	.448	13.	29.	26.					All angles marked in
						3		1.13	.4	.452	13.	28.7	28.					two places B.
						1		1.13	.4	.452	13.	28.7	27.					
						11		1.12	.44	.492	14.	28.4	25.					
						39		1.12	.4	.448	13.25	29.5	26.					
						12		1.13	.4	.452	12.875	28.4	28.					Landore Steel Works
						60		1.12	.36	.403	11.50	28.5	27.					August 1885
						5		1.22	.4	.488	14.625	29.9	27.					Thos Ashton
						18		1.24	.48	.595	16.75	28.1	25.					
						92		1.23	.5	.615	17.75	28.8	26.					
						65		1.23	.5	.615	17.50	28.4	30.					
						61		1.23	.5	.615	17.25	28.	25.					

17/8/85

