

THE BUTTERLEY COMPANY.

Recd. L.R.O. 29.11.87

Codnor Park Iron & Steel Works, nr. Alferton, Derbyshire.

November 20th 1884

Results of Tests to ascertain the Tensile Strain, &c., of *Steel Deck Beams*

made here this day by *W. Barnister*

for *Mr. J. Livingstone*

Description of Material Tested.	Mark.	Original		Limit of Elasticity.	Breaking Strain.		Fractured.		Contraction of Area.	Strain per sq. inch of Fractured Area.	Elongation		Remarks.	
		Size.	Area.		Total.	Per sq. inch.	Size.	Area.			In. 2...In.	Per cent.		
		In.	In.		In.	Tons.	Tons.	Tons.	In.	In.	In.	Per cent.	Tons.	In. 2...In.
6 x 4 1/2 Deck Beams	63125	1.53	4.1	624	14.20	24.59	1.07	3.4	2.61	58%		2 1/2	30%	Lickup
	63126	1.53	3.85	589	16.20	24.50	1.12	2.3	2.54	56%		2 "	25%	"

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