

S.S. "Chia Shih" and S.S. "Mei Shih"

NEWBURN STEEL WORKS.

TEST OFFICE.

DATE OF TEST	Decr 13 th 1887	HB1					
MARK OF TEST...		01389					
SIZE OF SPECIMEN	dia inches.	.753					
ORIGINAL AREA	square inches.	44.53	Mr Boulds took these test pieces away with him.				
FRACTURED AREA	do. do.	20.42					
PERMANENT SET INDUCED, tons per sq. inch.		14.43					
MAXIMUM STRAIN	do. do.	30.07					
CONTRACTION OF AREA	per cent.	54.14					
ELONGATION IN LENGTH OF	5" do.	24					
	do.						
APPEARANCE OF FRACTURE, silky	do.	100					
	fibrous						
	granular						
	crystalline						

REMARKS: *No one* Test pieces taken from Cast Steel Shaft Bracket, for Messrs R & W Hawthorn Leslie & Co - tested in the presence of Mr. H. J. Boulds Lloyd's Surveyor
 @ 1389. HB Transverse piece 1" dia bent thro' 108° - not broken.



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