

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

NEWBURN STEEL WORKS.

TEST OFFICE.

DATE OF TEST	Jan'y 16 th 1888	HB4					
MARK OF TEST...		01469					
SIZE OF SPECIMEN	dia ... inches.	.755					
ORIGINAL AREA	... square inches.	.4476					
FRACTURED AREA	... do. do.	.3525					
PERMANENT SET INDUCED, tons per sq. inch.		11.96					
MAXIMUM STRAIN	do. do. ...	29.12					
CONTRACTION OF AREA	... per cent.	21.24					
ELONGATION IN LENGTH OF ... 5" do.		20					
	do.						
APPEARANCE OF FRACTURE, silky do.							
	fibrous do.						
	granular do.						
	crystalline do	98					
	Flaw	2 ^{on} outside					

REMARKS:

— Bending Test. —

△ 1469 HB4 Transverse piece 1" dia bent thro' 99° - not broken
 Test pieces taken from Cast Steel Shaft Bracket
 N° 4 for Messrs R & W Hawthorn Leslie & Co.
 - tested in the presence of Mr. A J Boolds -
 Lloyds Surveyor.



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