

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

NEWBURN STEEL WORKS.

TEST OFFICE.

DATE OF TEST	Jan'y 9 th 1888	HB 3					
MARK OF TEST		Q1452					
SIZE OF SPECIMEN	dia ... inches.	.751					
ORIGINAL AREA	... square inches.	.4429					
FRACTURED AREA	... do. do.	.3318					
PERMANENT SET INDUCED, tons per sq. inch.		16.12					
MAXIMUM STRAIN	do. do. ...	33.76					
CONTRACTION OF AREA	... per cent.	25.08					
ELONGATION IN LENGTH OF	5" do.	19.5					
	do.						
APPEARANCE OF FRACTURE, silky	do.						
	fibrous do.						
	Finely granular do.	95					
	crystalline do.						
	Flaw "	5 on outside					

REMARKS: Test pieces cut from Cast Steel Shaft Bracket No. 3 for Messrs R & W Hawthorn Leslie & Co. — tested in the presence of Mr. A. J. Boolds Sloyds Surveyor.

— Bending Test —

Q1452 HB.3 Transverse piece 1" dia bent thro' 107° not broken.

H.F.



© 2021

Lloyd's Register
Foundation