

Lloyd's Register of Shipping,

(MEIKAI BUILDING)

32, AKASHI-MACHI,

KOBE, 10th April 1933.

Cert. No. 3441.

This is to Certify that at the request of Messrs. the Kobe Steel Works, Ltd., Kobe, the Open Hearth Steel Forgings ~~or Castings~~ ^{was} examined and tested at their works on ~~the~~ ^{were} the 14th & 17th Jan. 16th Feb. 9th & 17th Mar. 4th Apr. 1933, and found to be as far as could be ascertained, sound and free from defect.

One (1) five-throw solid forging Crank Shaft.

Dia. of pins and journals 1 1/2 in.

Drop tests:

Test Mark	Tenacity Tons/sq in	Elongation % in 2"	Bend 1" x 1/2" x 180°
C 4917 A 3	32.0	33	Good

This crank shaft is intended for Harima shipbuilding and Engineering Co. Yard No. 189, Aux. Eng. and ^{has} ~~have~~ been stamped as follows:-

Fee 150 Yen

Expenses /

04917A 3
: LLOYD'S
: NO. 3441
: 7-4-33
: S. A. G. J. R. I.

M. P. Gamble

Surveyor to Lloyd's Register.

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