

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 named below ^{was}~~were~~ examined and tested at their works on 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 184 m/m.

Drop tests:

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

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

Fee 150 Yen

Expenses /

104917A 3 :
: LLOYD'S :
: NO. 3441 :
: 7-4-33 :
: H. A. G. LAR :
:

H. A. G. LAR

Surveyor to Lloyd's Register.

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