

Lloyd's Register of Shipping,

(MEIKAI BUILDING)

32, AKASHI-MACHI,

KOBE, 1st June 1933.

Cert. No. 3386.

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 ^{were} examined and tested at their works on 13 & 16 Feb. 4, 14, 22 Mar. & 27 May 1933. and found to be as far as could be ascertained, sound and free from defect.

Two Two-throw solid forged Crank Shafts.

Del. of pins and Journals 120 n/m.

Drop tests: Examined in finished condition.

Test Mark	Tenacity Tons/sq in	Elongation % in 2"	Bend 1" x 1" x 180°
0 5454 D	32.6	33	Good
0 5454 B	29.6	33	"

These forgings are intended for Marine Shipbuilding and Engineering Co., Ship No. 189, and ^{has} been stamped as follows:-
starting air compressor.

Fee Yen 120:00

Expenses " --

05454D
LLOYD'S
No. 3326A
27-5-33
H.A.G.B.R.

05454B
LLOYD'S
No. 3326B
27-5-33
H.A.G.B.R.

M. Parrott

Surveyor to Lloyd's Register.

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—
"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society or for any error of judgment, default, or negligence of the Surveyors, other Officers or Agents of the Society."



189
 Lloyd's
 No. 32
 Akashi-Machi
 Kobe

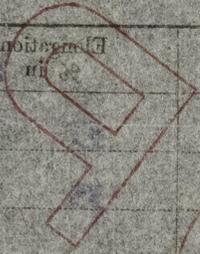
Lloyd's Register of Shipping
 (MEIKAI BUILDING)
 32, AKASHI-MACHI

KOBÉ

Cert. No. 111

This is to Certify

that at the request of the
 the Open Hearth Steel Forgings named below were examined and
 tested at their works on 11.11.11 and found to be as far as could be ascertained, sound and free from defect

Test Mark	Tensile Tensile in	Elongation in	Hard
			

and has been stamped as follows:—
 submitted for

Fee
 Expenses


 Secretary to Lloyd's Register

This Certificate is issued upon the terms of the Rules and Regulations of the Society which provide that—
 While the Committee are not responsible to ensure that the particulars of the Society are properly examined, it is to be understood that neither the Committee nor the Society are under any circumstances to be held responsible for any inaccuracy in any report or certificate issued by the Society or its servants or in any entry in the Register Book or other publication of the Society or for any error or judgment, liability or negligence of the Surveyors, other Officers or Agents of the Society.