

Lloyd's Register of Shipping,

(MEIKAI BUILDING)

32, AKASHI-MACHI,

KOBE, 7th June 1933.

Cert. No. 3532.

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 the 25th & 30th Nov., 1932 and 23rd Feb., 11th Mar. and 26th April 1933, and found to be as far as could be ascertained, sound and free from defect.

Three Scavenging Pump Crosshead Pins.

160 m/m dia. of pins.

~~Drop tests.~~ Examined in finished condition.

Test Mark	Tenacity Kgs./Tons/sq. in. ²	Elongation % in 50m/m	Bend
A 5140 A	50.8	19	special high tension carbon steel.

These crosshead pins are intended for Harima Shipbuilding and Engineering Co., Ship No. 189, Main Engine, and ^{has} ~~have~~ been stamped as follows:-

Fee Yen 21:00

Expenses "

A5140A
LLOYD'S
No. 3532
26-4-33
H.A.G. LR.

W. P. Gamett

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."



1891
 This Pin for 25th Sept. 1933

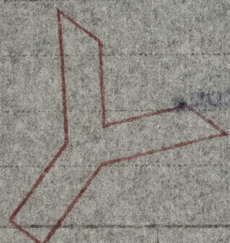
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Lloyd's Register of Shipping
 (MEIKAI BUILDING)
 32, AKASHI-MACHI

Kobe, Japan

This is to Certify

that the Open Hearth Steel Forgings of the above named firm were tested at their works on the 15th day of June 1933, and found to be as far as could be ascertained sound and free from defect.



Test Mark	Quantity	Specification	Brand

These forgings were submitted for test and have been stamped as follows:

[Signature]

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 Lloyd's 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.