

# Lloyd's Register of Shipping,

(MEIKAI BUILDING)

32, AKASHI-MACHI,

KOBE, 19th April 1933.

Cert. No. 3443.

This is to Certify that at the request of Messrs. The Kobe Steel Works, Ltd., Kobe, the Open Hearth Steel Forgings ~~and~~ Castings named below <sup>was</sup> ~~were~~ examined and tested at their works on 18, 22 Nov., 12, 14 & 19 Dec. 1932, 24 Jan. 18 Feb. 6 Mar., 10 Apr. 1933,

and found to be as far as could be ascertained, sound and free from defect.

One (1) Flywheel Shaft, diam. of body 510 - 445 m/m. with 22 coupling bolts, dia. of bodies 95 m/m.

Drop tests: Examined in finished condition.

Test Mark	Tenacity Tons/sq. in	Elongation % in 2"	Bend 1" x 1/2" x 180°
Shaft. D 3817 A 1	31.6	32	Good
Bolts. B 4849 F	36.6	32	Good
A 5325 C	32.4	34	"

These forgings are intended for Harima Shipbuilding and Engineering Co., Yard No. 109, Main Engine.

and <sup>has</sup> ~~have~~ been stamped as follows:-

: D3817 A1 :  
: LLOYD'S :  
: No. 3443 :  
: 10-4-33 :  
: H.A.S. LR :

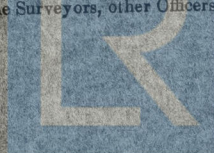
Fee Yen 98.00

Expenses "

*H. 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."





H 189  
 CERT N 3443  
 24th July 1933

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

KOBE

This is to Certify that at the request

of the Open Harbours Steel Corporation, registered in Japan, and  
 tested at their works on the 1st day of July 1933, and found to be as far as could be ascertained, sound and free from defect.

Test Mark	Tensile Tension in	Flexure in	Band

and has been stamped as follows:—  
 (The following is a list of the marks of the Corporation, which are stamped on the bands of the steel.)

W. J. G. G. G.  
 Registrar to Lloyd's Register

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—  
 "With the Committee are 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 liable for any error or omission in any report or certificate issued by the Society or its officers or in any entry in the Register Book or other publication of the Society or for any error or omission in the Register Book or other publication of the Society or for any error or omission in the Register Book or other publication of the Society."