

# Lloyd's Register of Shipping,

(MEIKAI BUILDING)

32, AKASHI-MACHI,

KOBE, 30th. November 1929.

Cert. No. 2261.

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 ~~were~~ examined and tested at their works on 21st. Sept. to 21st Nov. 1929 (5 visits)

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

Four (4) Crank shafts for Emergency Air Compressor with Hot Bulb Engine, having crank pin 80 m/m and journal 70 m/m dia.

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

Test Mark	Tenacity Tons/sq in	Elongation % in 2"	Bend 1" x 1/4" x 180°
B3131B1-A	33.0	32	Good
B3131B1-B	33.0	32	"
B3131B2-A	33.1	28	"
B3131B2-B	33.1	28	"

These crank shafts are intended for Mitsubishi Zosen Kaisha Nagasaki, Ship Nos. 471 to 474, and ~~has~~ been stamped as follows:-  
have

TEST MARKS AS ABOVE

Fee Yen 100.00

Expenses ,, 2.00

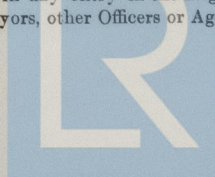
LLOYD'S  
No. 2261.  
21-11-29  
A.W.L.R.

*A. Watt*

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."



Lloyd's Register  
Foundation

007825-07833-0173