

COPY

Lloyd's Register of Shipping.

No. M-72449

Port KOBE

23rd August, 1961.



This is to Certify that at the request

of Messrs. Hitachi Shipbuilding & Eng., Co., Ltd., Chikko Shipyard, Osaka, Japan

the ~~Open Hearth~~ Steel Forgings or ~~Castings~~ named below ~~was~~ ^{were} examined and tested in accordance with the Society's Rules at their works on the 7th June, 1961 and subsequently and found to be, so far as could be ascertained, sound and free from defects.

One (1) Piston Rod for Main Engine, 250mm dia. x 2,921mm length and weight 1,300 kgs in rough machined condition.

The test results are as follows:

Test Mark	Tenacity		Elongation % in 50mm	Reduction of Area %	Hardnes B. H. N.	Impact Kg m/cm ²	Bend		Remarks
	Yield	Kg/mm ² Ult.					90°	180°	
R1173-2 (T)	29.2	46.1	38.4	63.1	-	-	Good	Annealed	
(B)	29.2	45.5	38.6	63.1	-	-	"	"	
								K-14842	

This forging is intended for Hitachi Shipbuilding & Eng., Co., Ltd., Sakurajima Shipyard, Osaka, Eng. No. 2151 (Ship No. 3923)

examined finished machines and has been stamped as follows: Port KOBE Date 26-1-62 and marked for identification

R1173-2
LLOYD'S KOB
H NO. K-14842
21-8-61 PM LR
F 1677-2

(Marks) HC-F1677-2 SH 26-1-62 LR

SH (Surveyor's initials)

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 Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is 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 any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

