

COPY

Lloyd's Register of Shipping.

(UNITED WITH THE BRITISH CORPORATION REGISTER)

No. M-71873



Port KOBE

26th July, 1961.

L. R. No. F1677-1

This is to Certify that at the request of Messrs. Hitachi Shipbuilding & Engineering Co., Ltd., Chikko Shipyard, Osaka, Japan the ~~Open Hearth~~ Electric furnace Steel Forgings ~~or Castings~~ named below was examined were and tested 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,
 251m/m dia. x 2,936m/m long & weight 1,300 kgs
 in rough machined condition.

The test results are as follows:

Test Mark	Tenacity		Elongation % in 2" 50mm	Reduction of Area %	Bend 120° 180°	Remarks
	F_{0.2} YIELD.	Kg/mm ² ULT.				
R 1173-1 T	29.2	46.1	38.4	63.1	Good	A No. K14842
B	29.2	45.5	38.6	63.1	"	Annealed.

This piston rod ^{is} intended for Hitachi Shipbuilding & Eng., Co., Ltd. Sakurajima Shipyard, Osaka ~~are~~ Engine No. 2151 (Ship No. 3923) and ^{has} ~~have~~ been stamped as follows:

R 1173-1
 H No. K 14842
 LLOYD'S KOB
 RT 17-7-61 PM LR
 F 1677-1

Examined finished machines
 Port KOBE
 Date 26-7-62 and marked
 for identification

(Marks) HC-F 1677-1
JH 26-1-62 LR

[Signature]
 Surveyor to Lloyd's Register.
Y. Kajima & P. Mason

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