COPY

Lloyd's Register of Shipping.

No. M-73000

Port KOBE

14th September, 1961.

This is to Certify that at the request of Messrs. Hitachi Shipbuilding & Eng.,Co.,Ltd.,Chikko Shipyard,Osaka the ~~Open Hearth~~ / Electric furnace Steel Forgings ~~or Castings~~ named below ~~were~~ was examined and tested in accordance with the Society's Rules at their works on the 20th July, 1961 and subsequently and found to be, so far as could be ascertained, sound and free from defects.

One(1) Piston Rod in rough machined condition for 8-74 VT23F-160 type oil engine, E. No.2151.

Dia. 249mm., Length 2,928 mm., Weight 1,300 Kgs.

The test results are as follows:

Test Mark	Tenacity T/in² Yield	Tenacity Kg/mm² Ult.	Elongation % in 2" 50mm	Reduction of Area %	Hardnes B. H. N.	Impact Kg m/cm²	Bend 120° 180°	Remarks
R 1251	31.8	44.8	39.6	64.0	-	-	good	

The piston rod ~~are~~ is intended for Ship No.3923 being built by Hitachi Shipbuilding & Engineering Co., Ltd., Sakurajima Shipyard, Osaka and ~~have~~ has been stamped as follows:

Examined finished machine
Port KOBE
Date 26-1-62 and marked for identification
(Marks) HC-F 1756
SH 26-1-62 LR

LLOYD'S KOB
NO HC-F 1756
SH LR
12-9-61

S. Hashiguchi
Surveyor to Lloyd's Register.
S. Hashiguchi

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."

SH:ym

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(CERT. F&C) 6,61. KOB

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