

# LLOYD'S REGISTER OF SHIPPING



No. 0-87511

Port KOBE

18th March, 1963.

## This is to Certify that

K. YAMAZAKI,

the undersigned Surveyor to this Society did at the request of Messrs. Showa Precision Machinery Co., Ltd., Amagasaki attend at their works, for the purpose of examining and testing

1st March, 1963 and subsequently

One (1) Auxiliary Oil Engine designated driving Emergency Compressor intended for Ship No. 3976 being built by Hitachi Shipbuilding & Engineering Co., Ltd.,

Particulars of the engine are as follows:- Sakurajima Shipyard, Osaka

Engine Number	H3P0298
Type	Yanmar SS4, 4.S.C.S.A.
Number of Cylinders	1
Diameter of Cylinders	95 mm
Stroke	150 mm
Maximum Pressure	55 kg/cm <sup>2</sup>
Mean Indicated Pressure	4.52 kg/cm <sup>2</sup>
Brake Horse Power	4
Revolutions per Minute	750
Span of Bearings	128 mm
Diameter of Journals	58 mm
Diameter of Crankpins	58 mm
Breadth of Webs	90 mm
Thickness of Webs	34 mm

This engine has been built under Special Survey, in accordance with the Approved Plans and Rules of the Society, materials and workmanship being good.

On completion, the above machinery was tried in the shops under working conditions with satisfactory results, and opened up after trials and found to be good order.

For purposes of identification the cylinder block ~~and~~ was stamped thus:-

LLOYD'S TEST <sub>KOB</sub>  
WTP 83 or 4 KG  
SN 1-3-63 LR

LLOYD'S TEST  
SHOP TRIAL  
KY LR  
16-3-63

*K. Yamazaki*  
Engineer Surveyor to  
Lloyd's Register of Shipping

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"

10/4c) 4/61 KOB

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