

LLOYD'S REGISTER OF SHIPPING

No. 0-84492

36



Port KOBE

19th December, 1962

This is to Certify that

K. YAMAZAKI,

the undersigned Surveyor to this Society did at the request of Messrs. Yanmar Diesel Engine Co., Ltd., Kanzaki works, Amagasaki attend at their works/for the purpose of examining and testing on the 12th October, 1962 and subsequently

Two (2) Yanmar 3 MSSL type Auxiliary Oil Engines designated driving the 70 KVA Generators intended for Ship No. 3962 being built by Hitachi Shipbuilding & Eng. Co., Ltd., Mukaishima Shipyard, Mukaishima

Particulars of the engine are as follows:-

Engine Number	2F3218CY & 2F3219CY
Type	Yanmar 3 MSSL
Number of Cylinders	3
Diameter of Cylinders	200 m/m
Stroke	250 m/m
Maximum Pressure	60 kg/cm ²
Mean Indicated Pressure	5.59 kg/cm ²
Brake Horse Power	90 PS
Revolutions per Minute	750 r.p.m.
Span of Bearings	249 m/m
Diameter of Journals	140 m/m
Diameter of Crankpins	125 m/m
Breadth of Webs	190 m/m
Thickness of Webs	62 m/m

No. of total area of crank case explosion relief valve, 3 x 49 cm² (3 x 0.0527 sq. ft.)

Each ~~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.

For purposes of identification the cylinder block and crankshaft were stamped thus:-

Crank Shaft

CH NO. Y(65)

NO. Y-18251-1 & 2

F.I. KY 9-11-62 LR

LLOYD'S TEST

W 4, 6 & 93 KG
R 9-11-62 LR

LLOYD'S TEST

MAX SHOP TRIAL
KY LR
12-12-62

Each engine was also opened out, after the trials, examined and found in order.

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."