

COPY

# Lloyd's Register of Shipping.



Port Kobe.

31st May 1933.

CERTIFICATE No. 3465.

This is to Certify that

A. D. Morrison,

the undersigned Surveyor to this Society did at the request of Messrs. Mitsubishi Zosen Kaisha, Ltd., Kobe, attend at their works on the 13th April 1933 and subsequently for the purpose of examining and testing the 55 Kilowatt centrifugal sea water pump ordered by the Kobe Seiko-sho and intended for Harima Ship-Building and Engineering Co. Ship No. 189.

The bronze pump body was tested by hydraulic pressure to 3.2 kg/cm<sup>2</sup> and found sound and tight.

The pump was finally connected to a meter marked:-

LLOYD'S  
No. 672A  
H.D.B.  
17-4-33

and tried under working condition on 5th May 1933 and found satisfactory; capacity of pump 570 cubic metres/ hour at 970 revs. per minute.

The pump has been stamped as follows:-

Machine No. 1654  
LLOYD'S  
No. 3465  
A.D.M. LR  
5-5-33.

Fee.....Yen 50:00  
Expenses.....Yen 5:00

*A. D. Morrison*

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



COPY

Flagg's Register of Shipping

Kobe.

Port

May 1933



CERTIFICATE No. 3452

This is to Certify that

A. D. Morrison.

the undersigned Surveyor to this Society did at the request of Messrs. Mitsunobu Kawan Kawan, Ltd., Kobe, attend at their works on the 13th April 1933 and subsequently for the purpose of examining and testing the 25 kilowatt centrifugal sea water pump ordered by the Kobe Sake-cho and intended for Hachima ship-building and engineering Co. Ltd. No. 189.

The above pump body was tested by hydraulic pressure to 3.2 kg/cm<sup>2</sup> and found sound and tight. The pump was finally connected to a water main:-

LEADERS  
No. 678A  
B.D.B.  
27-4-33

and tried under working condition on 28th May 1933 and found satisfactory; capacity of pump 250 cubic metres/hour at 250 revs. per minute.

The pump has been stamped as follows:-

Reading No. 1054  
LEADERS  
No. 3452  
A.D.B.B.  
27-5-33

*[Signature]*

SURVEYOR TO FLAGG'S REGISTER.

For.....Yen 5000  
Expenses.....Yen 2500

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:-  
"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are 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 the Surveyors or other Officers or Agents of the Society."