

COPY

# Lloyd's Register of Shipping.

Port Kobe.

5th. May 1930.

CERTIFICATE No.2496.

This is to Certify that

H.D.Buchanan.

the undersigned Surveyor to this Society did at the request of Messrs. Mitsubishi Zosen Kaisha, Ltd., Kobe, attend at their works on the 4th. March 1930 and subsequent dates for the purpose of examining and testing the 75 H.P. motor driven cooling water pumps, intended for Nagasaki Yard No.473.

The gunmetal body of Jacket cooling water pump was tested by a hydraulic pressure of 5 Kg./CM<sup>2</sup> and found good and sound.

The cast iron body of the piston cooling water pump was tested by a hydraulic pressure of 10 Kg./CM<sup>2</sup> and found good and sound. Mark on Motor.

:	LLOYD'S	:
:	No.302 LR	:
:	K.K. 7-4-30	:

These pumps were finally connected to a variable, speed motor, examined under full load working conditions, and found satisfactory.

For identification purposes this machine has been stamped as follows:-

Machine No.1493:		
:	LLOYD'S	:
:	No.2496	:
:	H.D.B. LR	:
:	2-5-30	:

H.D.Buchanan.

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 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, negligence of the Surveyors, or other Officers or Agents of the Society."

MAY 12 1930

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Foundation

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on the 4th March 1930 and subsequent dates for the purpose of

examining and testing the 75 H.P. motor driven cooling water pump,

intended for Nagasaki yard No. 473.

The gunmetal body of jacket cooling water pump was tested

by a hydraulic pressure of 5 Kg./cm<sup>2</sup> and found good and sound.

The cast iron body of the piston cooling water pump was

tested by a hydraulic pressure of 10 Kg./cm<sup>2</sup> and found good and

sound. Mark on Motor.

Low speed test (R.M. 7-4-30) :  
60% overhauled test for No. 302 IR :  
50% overhauled test for No. 302 IR :

These pumps were finally connected to a variable speed motor,  
examined under full load working conditions, and found satisfactory.

For identification purposes this machine has been stamped as

the following:-

Motor No. 12753

Machine No. 1493
LLOYD'S
No. 2496
H.D.B. IR
2-5-30

LLOYD'S
No. 2496
H.D.B. IR
2-5-30

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