

# COPY

## Lloyd's Register of Shipping.



Port NAGASAKI.

25th April 1933.

CERTIFICATE No. 678.

**This is to Certify that**

at the request of Messrs. Mitsubishi Denki Kaisha, Ltd., Nagasaki, attend at their works, on the 20th April 1933, in order to examine under test, one Shunt wound, direct current, 10 K.W. Motor, No. 14116, of 220 volts, by 54 amps at 2500 revolutions per minute, for Fresh and Sea Water Pump.

This Motor ordered by Messrs. Kobe Seiko-sho, Kobe, is intended for Vessel No. 199, now being built by Messrs. Barina Zosen-sho.

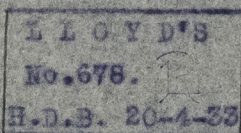
The Motor was submitted to the following tests:-

Full load test of  $4\frac{1}{2}$  hours duration.  
25% overload test of 2 hours duration.  
50% overload test for 2 minutes.

The rise of temperature was measured by thermometers and on completion of trials high voltage (2000 volts, A.C.) and insulation tests were carried out, and all found satisfactory.

For purposes of identification the Motor has been stamped on the casing as follows:-

Motor No. 14116.



*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 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."