

COPY

Lloyd's Register of Shipping.



Port NAGASAKI.

25th April 1933.

CERTIFICATE No.674.

This is to Certify that

at the request of Messrs. Mitsubishi Denki Kaisha, Ltd., Nagasaki, attend at their works, on the 17th & 18th April 1933, in order to examine under test, Two Shunt Wound, direct current, 35 H.P. Motors, No. 14109 & 14110, of 220 volts, by 135 amps at 870-610 revolutions per minute, for Lubricating Oil Pump.

These Motors ordered by Messrs. Kobe Seiko-sho. Kobe. are intended for Vessel No. 189, now being built by Messrs. Harima Zosen-sho.

The Motors were 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 Motors have been stamped on the casings as follows:-

Motor No. 14109.

LLOYD'S
No. 674.
H.D.B. 17-4-33.

Motor No. 14110.

LLOYD'S
No. 674-A.
H.D.B. 18-4-33.

A.D. Buchanan

SURVEYOR TO LLOYD'S REGISTER.

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