

COPY.

Lloyd's Register of Shipping.



Port Kobe.

31st August 1934.

CERTIFICATE No. 4031.

This is to Certify that

K. Kishigami.

the undersigned Surveyor to this Society did at the request of Messrs. Mitsubishi Denki Kaisha, Ltd., Kobe, attend at their Works on the 9th April 1934 for the purpose of examining and testing under working condition, One set of Compound Wound, direct current motors and generator for Windlass, intended for the vessels, Nos. 580-582, now being built by Messrs. Mitsubishi Jukogyo Kaisha, Nagasaki Works.

		Volts.	Amperes	R.P.M.
36 K.W. Motor	(No. 11150) of	220	by 186	at 1500
31 K.W. Generator	(No. 11129) of	180	by 307	at 1500
60 K.W. Motor	(No. 11125) of	220	by 307	at 650

These motors and generator with their control boxes were submitted to the following running tests of short time rating respectively:-

Full load test of one hour duration.
100% overload test of one minute duration.

The rise of temperature was measured by thermometers and on completion of the trial, high voltage test and megger test were carried out and all found in good condition.

For the purpose of identification the motors and generator have been stamped as follows:-

Mach: No. 11150	Mach: No. 11129	Mach: No. 11125
: LLOYD'S :	: LLOYD'S :	: LLOYD'S :
: No. 4031 A :	: No. 4031 B :	: No. 4031 C :
: K.K. 9-4-34 :	: K.K. 9-4-34 :	: K.K. 9-4-34 :

Fee, £90:00
Expenses, £ 5:00

K. Kishigami

ASSIST. 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 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 Committee or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

the Rules and approved plans. The material and workmanship
The machinery has been tried under load, overload and generous
load when connected to its generator: parallel running tests
run out and all found satisfactory and reliable in my opinion.



• 1991 10000 10000

CHETIVIAH MO. NO. 1.

This is to Certify that

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the undersigned Surveyor to this Society did at the request of Messrs. Mitsubishi Bank Ltd., Kobe, attend at their Works on the 2nd April 1934 for the purpose of examining and testing under working conditions. One set of Compound Wound direct current motor and generator for Windmills, intended for the vessels Nos. 580-582, now being built by Messrs. Mitsubishi Tokoyo-ship, Nagasaki Works. Volts. Amperes. R.P.M.

36	K.W. Motor	(No. 11150)	at 1500
37	K.W. Generator	(No. 11150)	at 1500
38	K.W. Motor	(No. 11150)	at 1500

These motors and generator with their control boxes were submitted to the following running tests of short time rating respectively:-

100% overload test at one minute duration.
Bell load test at one hour duration.

The rise of temperature was measured by thermometers and on completion of the trial, high voltage test and megger test were carried out and all found in good condition.

For the purpose of identification the motor and generator have been stamped as follows:-

: K.K.-9-4-74	:	: K.K.-9-4-74	:	: K.K.-9-4-74
: No. 4071 A	:	: No. 4071 B	:	: No. 4071 C
: LLOYD'S	:	: LLOYD'S	:	: LLOYD'S
Maeh:No.1116		Maeh:No.1116		Maeh:No.1116

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ASSIST. SURVEYOR TO LLOYD'S REGISTER.

"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is understood that neither the Committee nor the Society are under any circumstances whatever to be held responsible for inaccuracies 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 Committee or any Member thereof, or for any error or omission in the Register Book or other publication of the Society, which provide that:—

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