

COPY

Lloyd's Register of Shipping.

Port Kobe.

30th. December 1930.

CERTIFICATE No.2931 A & B.

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 23rd. December 1930 and subsequent dates for the purpose of examining under test two direct current variable speed 85 H.P. Motors No.8682 & 8883 of 220 Volts, 332 amperes at 3000 to 4000 revs. per min.

These motors together with control cabinet were subjected to the following tests with satisfactory results.

- (1) Full load test of 6 hours duration at 3,700 revs. per min.
- (2) 25% overload test of 2 hours duration at 3,800 revs. per min.
- (3) 50% overload test for one minute.
- (4) 100% overload test for 15 seconds.

Upon completion of the full load test the temperature rise of the various parts was measured by thermometer and found satisfactory.

High voltage (1500 Volts) and insulation tests were carried out with satisfactory results.

These motors are intended for Turbo Blower, machiner No.114 made to the order of Nagasaki Yard No.491.

Fee,.....Yen 60:00
Expenses,Yen 10:00

:	LLOYD'S	:
:	No.2931 A & B	:
:	H.D.B. LR	:
:	29-12-30	:

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 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."

FEB 20 1931

COPY

Lloyd's Register of Shipping

Port of Kobe.

20th December 1930.

CERTIFICATE No. 2931 A & B.

This is to Certify that

the undersigned Surveyor to this Society did at the request of

Messrs. Mitsubishi Nippon Kaisha, Ltd., Kobe, attend at their works on the 23rd. December 1930 and subsequent dates for the purpose of examining under test two direct current variable speed 85 H.P. Motors No. 8882 & 8883 of 220 Volts, 352 amperes at 3000 to 4000

revs. per min. These motors together with control cabinet were subjected to the following tests with satisfactory results.

- (1) Full load test of 8 hours duration at 3,700 revs. per min.
- (2) 25% overload test of 2 hours duration at 3,800 revs. per min.
- (3) 50% overload test for one minute.
- (4) 100% overload test for 15 seconds.

Upon completion of the full load test the temperature rise of the various parts was measured by thermometer and found satisfactory.

High voltage (1500 Volts) and insulation tests were carried out with satisfactory results.

These motors are intended for Turbo Blower, Machine No. 114 made to the order of Nagasaki Yard No. 491.

Expenses, Yen 10:00	Fee, Yen 60:00
No. 2931 A & B	LLOYD'S
H.D.B. 12	
29-12-30	

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.”

11-30-C

Deep tank, aft,
Deep tank, forward,