

**COPY**

9 NOV 1933

# Lloyd's Register of Shipping.

Port NAGASAKI.

30th May 1933.

CERTIFICATE No. 697.

**This is to Certify that**

at the request of Messrs. Mitsubishi Denki Kaisha, Ltd., attend at their works at Nagasaki, on the 19th May 1933 & subsequent dates, in order to examine under test, Three compound wound, direct current, 90 K.W. Generators, Nos. 14268, 14269 & 14270, of 225 volts, by 400. amps at 400 revolutions per minute.

These Generators ordered by Messrs. Nagasaki Works, Mitsubishi Zosen Kaisha, Ltd., are intended for Vessel No. 532, now being built by them.

The Generators were submitted to the following tests:-

- Full load test of 5 hours duration.
- 25% overload test of 2 hours duration.
- 50% overload test for 1 minute.
- Over speed test (480 r.p.m) for 1 minute.

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 Generators have been stamped on the casings as follows:-

Gen.No. 14268.  
LLOYD'S  
No. 697.  
H.D.B. 19-5-33

Gen.No. 14269.  
LLOYD'S  
No. 697-A.  
T.K. 22-5-33

Gen.No. 14270.  
LLOYD'S  
No. 697-B.  
H.D.B. 23-5-33

*H.D. Buchanan*

SURVEYOR TO LLOYD'S REGISTER.

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