

For the information of Surveyors and the Committee only.

Received at Office, 19

Lloyd's Register of Shipping. GM-2822

(Report on Machinery, No. Port **KOBE**))

ELECTRIC GENERATOR OR MOTOR.

I have to report that the **Main A.C. Generator**, as herein described, rated **200** ~~KVA~~ ~~XXX~~ **256** amperes **450** volts **600** r.p.m.

manufactured by **Kawasaki Dockyard Co., Ltd.**, of **Kobe, Japan** for Ship No. **940**, being built by **Kawasaki Dockyard Co., Ltd.**, of **Kobe, Japan** (See footnote).

has been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. This has been tested, and complies with the requirements of the Rules.

Dated **3rd June, 1955.** Port **KOBE.**

Type of enclosure (ventilated, totally enclosed or pipe ventilated, etc.) **Drip proof, semi-enclosed, self ventilation type**
Temperature Test* Date of Testing **1st April, 1955.**

Machine Number.	Duration of Test.		Speed.	Load.		5 Kw Exciter	
	Hours.	Mins.	r.p.m.	Volts.	Amps.	Volts, across	Amps.
68790 (A.C.G.)	4	0	600	450	256	110	45.5
68792 (Ex.)							

Machine	Mean Air Temperature at End of Test.	MAXIMUM RECORDED MACHINE TEMPERATURES.						Arm.
		A.C. Generator			5 KW Exciter			
		Shunt Field	Series Field	Interpoles	Com.	Com.		
al temp.	16 °C	37 °C	35 °C	36 °C	45 °C	45 °C	40 °C	49 °C
p. rise		21 °C	19 °C	20 °C	29 °C	29 °C	24 °C	33 °C

*If this machine is acting as a motor for "Hopkinson" or "Back to Back" test, state number of machine and ship reference of machine acting as generator **68791**

Compounding Test (for generators).

Load.	Speed.	Machine Load.		Shunt Field.
	r.p.m.	Volts.	Amps.	Amps.
Full Load				
No Load				

Insulation Tests (taken after the temperature test):—
Insulation resistance **Gen. 17 Ex. 100** megohms
Rotor 100
High voltage test **2,000** A.C. volts for one minute between windings and frame.

Particulars of other tests applied:—

- 25%** over load 2 hours duration.
- 50%** over load 1 min. duration.
- 15%** over speed 1 min. duration.

Marks on forgings or castings (if any) **Rotor Shaft**
Dates of inspection and tests **14th March, 1955.**

†See Section 2, Para. 6 of the Rules for Electrical Equipment.

NOTE.—This report should be forwarded in the first instance to the Surveyors at the Port where the machine will be installed for them to attach to the First Entry Report.)

KOBE RPT. No. 3026
DATED. **013201-013210-0132**

The foregoing is a correct description,