

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~~ 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.

[Signature]

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.)							
Mean Air Temperature at End of Test.	MAXIMUM RECORDED MACHINE TEMPERATURES.						
	A.C. Generator			5 KW Exciter			
	Rotor Coil	Slip ring	Stator coil	Shunt & Series Field.	Interpoles.	Com.	Arm.
al temp.	16 °C	37 °C	35 °C	36 °C	45 °C	45 °C	40 °C
p. rise		21 °C	19 °C	20 °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. Stator 17 Ex. 100 megohms

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)

Dates of inspection and tests

Rotor Shaft

14th March, 1955.

TEST NO. F1647-1A
 LLOYD'S KOB NO. FSF927
 MH IR

†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.)