

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

G 10.

ELECTRIC GENERATOR OR MOTOR.

I have to report that the Generator, as herein described, rated 200 ~~H.P.~~ ^{K.W.} manufactured by British Thomson Houston Ltd of Rugby for the Ship No. 543, being built by Alex Stephens of Linthouse 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.

- R. Watson
London

Temperature Test* Generating.Date of Testing 15th Oct 1934

Machine Number.		Duration of Test.		Speed.	Load.		Shunt Field.			
		Hours.	Mins.	r.p.m.	Volts.	Amps.	Volts.	Amps.		
P 57501.		6	—	1000	220.	910	164	2.1.		
MAXIMUM RECORDED MACHINE TEMPERATURES.										
Mean Air Temperature at End of Test.	Armature.		Commutator.		Shunt Field		Series Field.		Interpoles.	
	Actual temp.	Temp. rise.	Actual temp.	Temp. rise.	Actual temp.	Temp. rise.	Actual temp.	Temp. rise.	Actual temp.	Temp. rise.
	15. °C	°C 35 °C	°C	29.5 °C	°C	21. °C	— °C	— °C	— °C	25 °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

Compounding Test (for generators).

Load.	Speed.	Shunt Field.		Machine Load.	
	r.p.m.	Volts.	Amps.	Volts.	Amp.
Full Load - - -	<u>1000</u>	<u>—</u>	<u>2.12</u>	<u>220</u>	<u>910</u>
No Load - - -	<u>1030.</u>	<u>—</u>	<u>2.12</u>	<u>220.</u>	<u>0.</u>

Insulation Tests (taken after the temperature test):—

Insulation resistance 40 megohms.High voltage test 2000. A.C. volts for ^{two}~~one~~ minute between windings and frame.

Particulars of other tests applied:—

Marks on forgings or castings (if any) 1307/GAL. 23-7-34.Dates of inspection and tests 14/6/34 20/6/34 15/10/34Fee £ 4 : 4 : 0Expenses £ 6 : 12 : 0To be collected by theat 20/1/35.Lloyd's Register
Foundation