

Lloyd's Register of Shipping.

G.13.

(Report on Machinery, No.

55344

Port

Glasgow,

TARONA

ELECTRIC GENERATOR OR MOTOR.

I have to report that the *Spare Armature*, as herein described, rated *200* K.W. H.P. manufactured by *British Thomson Houston Co 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. O. Watson

London

Temperature Test* *as motor at 19% overload* of Testing *2nd Oct 1934.*

Machine Number.	Duration of Test.		Speed.	Load.		Shunt Field.	
	Hours.	Mins.	r.p.m.	Volts.	Amps.	Volts.	Amps.
<i>Armature</i> <i>R 73631.</i>	<i>6</i>	<i>30.</i>	<i>1000.</i>	<i>220.</i>	<i>1080</i>		

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.
<i>17. °C</i>	<i>43 °C</i>	<i>26 °C</i>	<i>55 °C</i>	<i>38 °C</i>	<i>°C</i>	<i>°C</i>	<i>°C</i>	<i>°C</i>	<i>°C</i>	<i>°C</i>

*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 *R 57502.*

Compounding Test (for generators).

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

Insulation Tests (taken after the temperature test):—

Insulation resistance *1.3.* megohms.

High voltage test *2000.* A.C. volts for *two.* minute between windings and frame.

Particulars of other tests applied:—

Marks on forgings or castings (if any)

Dates of inspection and tests *14/6/34*

Fee £ *1 : 11 : 6*

Expenses £ *Subm G.10.*

1307/GAL 23-7-34,

20/6/34

2/10/34

To be collected of

Lloyd's Register

40 28/11/35

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