

For the information of Surveyors and the Committee only.

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# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

G.40.

## ELECTRIC ~~GENERATOR OR~~ MOTOR.

I have to report that the Motor, as herein described,  
rated 125 ~~H.P.~~ H.P. manufactured by British Thomson Houston Ltd  
Rugby for the Ship No. 697, being built  
by Vickers Armstrong of Barrow  
as 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.

C.O. Watson  
London

Refrig. Compressor.

Temperature Test\* Date of Testing 1st Nov.

Number.	Duration of Test.		Speed.	Load.		Shunt Field.	
	Hours.	Mins.	r.p.m.	Volts.	Amps.	Volts.	Amps.
<u>7551</u>	<u>6</u>	<u>—</u>	<u>305</u>	<u>220.</u>	<u>472</u>	<u>—</u>	<u>1.775</u>

r Temperature nd of Test.	MAXIMUM RECORDED MACHINE TEMPERATURES.									
	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.
<u>7.5</u> °C	°C	<u>21.5</u> °C	°C	<u>14.5</u> °C	°C	<u>13.5</u> °C	°C	<u>13.5</u> °C	°C	<u>32.5</u> °C

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

ounding Test (for generators).

Load.	Speed.	Shunt Field.		Machine Load	
	r.p.m.	Volts.	Amps.	Volts.	Amp.
oad - - -					
ad - - -					

ation Tests (taken after the temperature test):-

Insulation resistance 5 megohms.

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

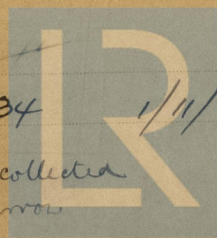
iculars of other tests applied:-

20% overload for 1 hour.

ks on forgings or castings (if any)

es of inspection and tests 15/10/34 1/11/34 22/10/34

£ 1 : 11 : 6  
enses £ 1 : 1 : 3 } To be collected  
at Barrow



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Lloyd's Register  
Foundation

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