

For the information of Surveyors and the Committee only.

Received at LONDON Office. 4 APR 1935 19

# 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 Co Ltd of Rugby for the Ship No. 697, being built by Vickers Armstrong of Barrow 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.

*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>			
MAXIMUM RECORDED MACHINE TEMPERATURES.										
Temperature and 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.
<u>75.5</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

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

Loadings Test (for generators).

Load.	Speed.	Shunt Field.		Machine Load	
	r.p.m.	Volts.	Amps.	Volts.	Amp.
<u>oad - - -</u>					
<u>ad - - -</u>					

Insulation Tests (taken after the temperature test):—

Insulation resistance 5. megohms.

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

Particulars of other tests applied:—

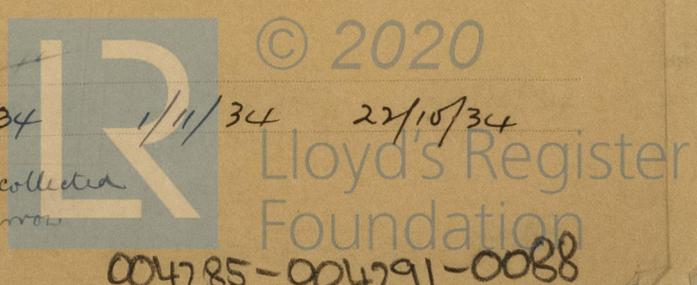
20% overload for 1 hour.

Notes on forgings or castings (if any)

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

Charges £ 1 : 11 : 6 } To be collected  
at Barrow

Charges £ 1 : 1 : 3



004285-004291-0088

Pipes pass through the deep tanks

Have they been tested as per rule