

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

641.

## ELECTRIC ~~GENERATOR~~ OR MOTOR.

I have to report that the Motor, as herein described,  
rated 125 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.

For Refry Compressor.

C. O. Watson  
London

Temperature Test\*

Date of Testing 8th Nov 1934

Machine Number.		Duration of Test.		Speed.	Load.		Shunt Field.				
		Hours.	Mins.	r.p.m.	Volts.	Amps.	Volts.	Amps.			
57552.		6	—	315.	220.	472.	—	2.1.			
MAXIMUM RECORDED MACHINE TEMPERATURES.											
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.
18 °C		°C	20 °C	°C	10 °C	°C	17 °C	°C	17 °C	°C	32. °C

this machine is acting as a motor for "Hopkinson" or "Back to Back" test, state number  
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.
1 Load - - -					
Load - - -					

Insulation Tests (taken after the temperature test):—

Insulation resistance 20 megohms.

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

Particulars of other tests applied:—

20% overload for 1 hour  
50% " " 1 minute  
100% " " 1 "

Remarks on forgings or castings (if any)

Dates of inspection and tests

£ 1 : 11 : 6

Expenses £ 1 : 1 : 3

To be collected at  
Barrow

004285-004291-0089

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Foundation