

Rpt. 7b.

For the information of Surveyors and the Committee only.

Received at _____ Office _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 55517 Port LS.)

E.G.

ELECTRIC GENERATOR OR MOTOR.

I have to report that the Motor, as herein described, rated 135 $\frac{K.W.}{H.P.}$ manufactured by Harland Woelffl. of Belfast for the Ship No. 944, being built by Harland Woelffl. of Belfast 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.

Rice Amers
Belfast

Temperature Test* Date of Testing 13th Sep. 1935

Machine Number.	Duration of Test.		Speed.	Load.		Shunt Field.	
	Hours.	Mins.	r.p.m.	Volts.	Amps.	Volts.	Amps.
<u>2614</u>	<u>6</u>	<u>-</u>	<u>300</u>	<u>220</u>	<u>510</u>	<u>131</u>	<u>3.9</u>

Mean Air Temperature at End 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>16.67</u> °C	<u>41.11</u> °C	<u>24.44</u> °C	<u>39.45</u> °C	<u>22.78</u> °C	<u>32.78</u> °C	<u>16.11</u> °C	<u>39.45</u> °C	<u>22.78</u> °C	<u>41.67</u> °C	<u>25</u> °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 No. 2613 Ship No. 944

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

Particulars of other tests applied:-

10% for 15 mins

Marks on forgings or castings (if any)
Dates of inspection and tests 13. 2. 35.
Fee £ : :
Expenses £ : :



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