

LAURENCE, SCOTT & ELECTROMOTORS, LTD., NORWICH.

Certificate of Test of Machine No. 69029.

Size **ML 845** Shop Order **R 2454** Date of Test **Sept. 24/35.** Your Order No.Description **One enclosed-ventilated, compound-wound motor.**B.H.P. **5** Volts. **110** Amperes **46** Revs. per Min. **370**

GLASGOW REPORT No. 56264

TEST RECORD.

Time.	Volts.	Amperes.	Revs. per Min.	Temp. of Air °Fahr.	Remarks.
<u>Half-hour Run (Full-Load Torque).</u>					
1-55	110	46	372	57	Load applied by belt.
1-5	"	"	370	"	Own control gear in
1-15	"	"	"	"	circuit.
1-25	"	"	"	"	
=====					
<u>7-minute Run (Double Torque).</u>					
1-31	110	85	280	56	
1-38	"	"	220	"	
=====					
<u>Half-minute Run (Quadruple Torque).</u>					
7-40	115	157	135	-	
=====					

FINAL TESTS.

(Applied immediately after the Test Run.)

RISES.
TEMPERATURE ~~TEST~~ (Degrees Fahr.)

	Armature	Commutator.	Magnet Coils.	Interpole Coils.
<u>1/2-hour Run.</u>				
Machine=	67	57	47	37
7-min. Run.	63	61	8	24
1/2-min. Run.	31	-	-	-
Temp. Rise=				

VIBRATION TEST.

No vibration up to 550 r.p.m.

OVERLOAD TEST.

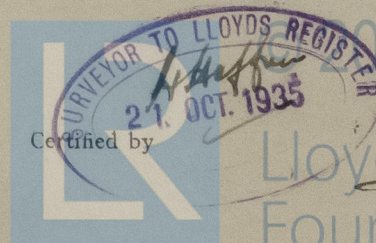
An Overload of **100** % was applied for **30** ~~minutes~~ **seconds.**

HIGH-PRESSURE TEST.

An alternating pressure of 2,000 volts was successfully applied for **2** minutes.**also shunt to series for 1 min.**

INSULATION TEST.

(Measured by 500 volt "Megger.")

20 megohms (whole equipment).**25 do. (shunt to series).**BRUSH GEAR DETAILS. Size of Carbons $\frac{7}{8} \times \frac{3}{8}$ Quality **L.S.O.** No. of Holders **4** No. per Holder **1**GENERAL NOTES. **For steering gear. Destination:- M.V. "Accruity".**

Present at Test