

ECEAGAT

THE SUNDERLAND FORGE & ENGINEERING COMPANY, LIMITED.



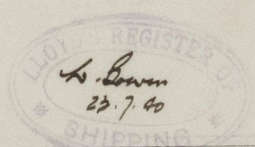
TEST OF DIRECT CURRENT GENERATOR, SIZE 10"
and ENGINE, Size 7" x 3"

Customer's Order No. S 7246

Ship No. 1662

For MESSRS. Swan Hunter & Wigham Richardson.

OUTPUT PLATE } Volts Amps K.W. Revs.
STAMPED }
Rating Wound, No. Date
Engine No. F.7930 Steam Pressure 100 lbs./sq. in. Exhaust. 10 lbs sq in.

Time	Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	DATE OF TEST 30-5-40.
		Volts	Amps.	Volts	Amps.		Remarks
Output Plate Stamped.		Dinamo No. F.7931		10 K.W.		91 amps.	110 volts 1940 Tarik
		600 Devir		DAIMI Ceryan		Neve	KOMPAUND Sargi.
<u>Temperature Run.</u>							
7-30	601	110	93	69	3.78	100	Temperature Taken A.
8-0	601	110	92	73	3.82	100	
8-30	601	110	92	79	3.86	100	
9-0	600	110	91	86	3.92	100	
9-30	600	110	91	86	3.86	100	
10-0	600	110	91	87	3.93	100	
10-30	600	110	91	90.5	3.91	100	
11-0	600	110	91	90.5	3.91	100	
11-30	600	110	91	90.5	3.91	100	
<u>25% Overload.</u>							
1-0	602	110	114	81	3.94	100	Temperatures taken B
1-30	602	110	114	85	3.84	100	
2-0	602	110	114	89	3.93	100	
2-30	602	110	114	91	3.94	100	
3-0	602	110	114	92	3.94	100	
	617	110	0	79	3.9	105	No load.
	601	110	91	80	3.86	100	Full load.
							

LLOYD'S REGISTER
22.7.40
SHIPPING

Temperatures taken by thermometers ...	Armature		Commutator		Shunt Coils		Series Coils		Interpole Coils	
	A	B	A	B	A	B	A	B	A	B
Maximum Temperature recorded ...	126	150	122	146	121	131	128	143		
Air Temperature ...	71	71	71	71	71	71	71	71		
Temperature Rise in °F	55	79	51	75	50	60	57	72		

Before Temperature Run

© 2020 After Temperature Run

High Pressure Test on Generator... 2000 Volts for one min.
Insulation Resistance of Generator... 25 Megohms

2000 Volts for one min.
100 Megohms

Date 22/7/40

Signed JMD

008953 - 008963 - 0098

Lloyd's Register
Foundation