

# 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. 1664

For MESSRS. Swan Hunter & Wigham Richardson Ltd.

OUTPUT PLATE  
STAMPED

Volts

Amps

K.W.

Revs.

Rating

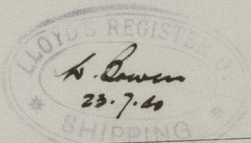
Wound, No.

Date

Engine No. F.7332 Steam Pressure 100

lbs. / sq. in. Exhaust. 10 lbs/sq. in.

Engine No. F.7333		Steam		SHUNT		Stm. Pres.	DATE OF TEST
Time	Speed R.P.M.	LINE		Volts	Amps.	lbs./sq. in.	Remarks
		Volts	Amps.				
OUTPUT PLATE ) STAMPED )		Dinamo No. F.7333, 600 Devir, DAIMI		10 K.W., 91 amps, Ceryan Nevi, KOMPAUND		110 Volts,	1940 Tarih.
<u>TEMPERATURE RUN.</u>							
7.30	601	110	91	79	3.74	93	Temperatures taken
8.0	600	110	91.5	79	3.7	93	
8.30	600	110	91	79	3.69	93	
9.0	605	110.5	92	80	3.68	98	
9.30	600	110	91	80	3.68	93	
10.0	602	110	91	81	3.72	93	
10.30	602	110	91	82	3.75	94	
11.0	603	110	90.5	82	3.75	94	
11.30	603	110	91	82.5	3.74	93	
<u>25% OVERLOAD.</u>							
12.0	599	110	115	79	3.85	100	Temperatures taken
12.30	601	110	114	79	3.84	100	
1.0	601	110	114	80	3.83	100	
1.30	601	110	114	80	3.82	100	
2.0	601	110	114	81	3.82	100	
3.0	603	91	914	83	3.76	100	Full load.
3.30	637	110	0	83	3.77	100	No load
<div>LLOYD'S REGISTER H. Bowen 23.7.40 SHIPPING</div>							
				Series Coils		Interpole Coils	



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 ...	121	135	118	133	118	117	111	118	-	-
Air Temperature ...	71	72	71	72	71	72	71	72	-	-
Temperature Rise in °F	50	63	47	61	47	45	40	46	-	-
High Pressure Test on Generator...			Before Temperature Run				After Temperature Run			
			2000 Volts for one min.				2000 Volts for one min.			
Insulation Resistance of Generator			30 Megohms				100 Megohms			

Date

22/7/40

Signed

*[Signature]*

Lloyd's Register

005695-005708-0279