

# THE SUNDERLAND FORGE AND ENGINEERING COMPANY, LIMITED




TEST OF DIRECT CURRENT GENERATOR, SIZE 11" x 8 $\frac{3}{4}$ " EVDP.  
and ENGINE, Size

Customer's Order No. 41517. Ship No.

MESSRS. INSTALLATION DEPT. for MESSRS. JOSEPH L. THOMPSON'S 672.

OUTPUT PLATE STAMPED 110 Volts 228 Amps 25 K.W. 1000 Revs.  
Continuous Rating Compound Wound, No. 43,603 Date 1951.  
Engine No. Steam Pressure lbs. / sq. in. Exhaust.

Time	Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	Remarks
		Volts.	Amps.	Volts	Amps.		
<u>TEMPERATURE RUN.</u>							
3.30am.	1000	110	228	78	2.63		
4.0pm.	1000	110	228	79	2.62		
4.30"	1000	110	228	81	2.65		
5.0"	1000	110	228	80	2.58		
5.30"	1000	110	228	80	2.54		
6.0"	1000	110	228	80	2.53		
6.30"	1000	110	228	80	2.52		
7.0"	1000	110	228	80	2.52		
7.30"	1000	110	228	81	2.55		Temperatures taken A.
<u>COMPOUNDING.</u>							
	1040	110	0	82	2.6		
	1000	110	228	82	2.6		
	1040	110	0	82	2.6		
<u>25% OVERLOAD.</u>							
	1010	110	235	82	2.6		





Temperature Rise in degrees Fahrenheit at Air Temperature A:— 69 B:—

	A	B		A	B		A	B
Temperature	47		Commutator	38		Shunts	23	
Oil	30		Interpoles	38		Crankcase Oil	-	

Pressure Test 2000 Volts for 1 minute. Insulation Resistance 100 Megohms

Date of Test 22.1.51. Signed *[Signature]*



