

# THE SUNDERLAND FORGE AND ENGINEERING COMPANY, LIMITED



TEST OF DIRECT CURRENT GENERATOR, SIZE 13"x10" O.T.D.P.  
and ENGINE, Size 9"x4"

Customer's Order No. 01385

Ship No. 643 J.L.T's

MESSRS. INSTALLATION DEPARTMENT.

PUT PLATE } 110 Volts 228 Amps 25 K.W. 675 Revs.  
TAMPED } Continuous Rating

Compound Wound, No. G.4685 Date 1946.  
e No. G.4684 Steam Pressure 120 lbs. / sq. in. Exhaust.

Speed R.P.M.	LINE		SHUNT		Strm. Pres. lbs./sq. in.	Remarks	
	Volts.	Amps.	Volts	Amps.			
<u>TEMPERATURE RUN.</u>							
675	110	273	85	5.2	120	Temperatures taken A.	
675	110	273	85	5.0	120		
675	110	273	85	5.0	120		
675	110	273	87	5.0	120		
675	110	273	88	5.0	120		
675	110	273	88	4.93	120		
675	110	273	88	4.9	120		
675	110	273	88	4.9	120		
675	110	273	88	4.9	120		
675	110	273	88	4.9	120		
<u>GOVERNING.</u>							
675	110	273	8.8	4.9	120		Full load. No load.
700	110	0	8.8	4.9	130		
<u>25% OVERLOAD.</u>							
675	110	340	89	5.2	130		

Temperature Rise in degrees Fahrenheit with an ambient temperature of A:— 70

B:—

A	B		A	B		A	B
51		Commutator	43		Shunts	28	
42		Interpoles	29		Crankcase Oil	68	

High Pressure Test 2000

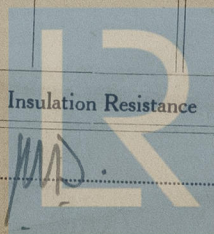
Volts for 1 minute.

Insulation Resistance

100 Megohms

Date of Test 14-2-46.

Signed



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Lloyd's Register  
Foundation

002830-002837-0059