

24 NOV 1949

UNDERLAND FORGE AND ENGINEERING COMPANY, LIMITED

TEST OF DIRECT CURRENT GENERATOR, SIZE 11 x 8 $\frac{3}{4}$ " O.T.D.P.
and ENGINE, Size 7 x 3 $\frac{1}{2}$ "

Customer's Order No. 23139/7 Ship No.

SSRS. L'ELECTRO NAVALE & INDUSTRIELLE.

PLATE } 220 Volts 91 Amps 20 K.W. 750 Revs.
MPED } Continuous Rating Compound Wound, No. 43281 Date 1949.
No. 43,280 Steam Pressure 170 lbs. / sq. in. Exhaust.

Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	Remarks
	Volts.	Amps.	Volts	Amps.		
		<u>TEMPERATURE RUN.</u>				
751	220	91	165	2.6	170	Temperatures taken A.
751	220	91	168	2.6	170	
751	220	91	171	2.56	170	
752	220	91	174	2.56	170	
751	220	91	176	2.56	170	
749	220	91	180	2.57	170	
752	220	91	175	2.5	170	
750	220	91	178	2.55	168	
751	220	91	180	2.56	170	
751	220	91	180	2.56	170	
750	220	91	180	2.55	170	
752	220	91	179	2.53	170	
752	220	91	180	2.54	170	
		<u>COMPOUNDING.</u>				
752	220	91	179	2.55	170	
774	220	0	179	2.55	170	
752	220	91	179	2.55	170	
		<u>25% OVERLOAD.</u>				
754	220	113	175	2.56	190	

Temperature Rise in degrees Fahrenheit with an ambient Temperature of A:— 79 B:—

A	B		A	B		A	B
38		Commutator	30		Shunts	46	
37		Interpoles	37		Crankcase Oil	65	

est 2000 Volts for 1 minute. Insulation Resistance 100 Megohms

Test 22-7-49.

Signed

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Foundation