

MY "EMPIRE TEDRITA" (A.L.T. Ingle's Yd. No 1314P)

BALLAST PUMP MOTOR.

THE SUNDERLAND FORGE AND ENGINEERING COMPANY, LIMITED



TEST OF DIRECT CURRENT MOTOR, SIZE 6" x 5" E.V.D.P.

Customer's Order No. Z.366.


Job No. F.827/30.

Duty :— Ballast Pump.

Ship No.

For MESSRS. DRYSDALE & CO. LTD.

OUTPUT PLATE) 110 Volts 34.5/50.5 Amps 3.5/5.5 B.H.P. 1750/2250 Revs.
STAMPED) Continuous Rating Compound Wound, No. G.4 091. Date 1945.

Time	Speed R.P.M.	LINE		SHUNT		Remarks
		Volts.	Amps.	Volts	Amps.	
		<u>TEMPERATURE RUN.</u>				
7.45	2250	110	50.5	35	.465	 Temperatures taken A.
8.15	2250	110	50.5	36	.475	
8.45	2250	110	50.5	38	.49	
9.15	2250	110	50.5	38	.475	
9.45	2250	110	50.5	38	.475	
10.15	2252	110	50.5	38	.475	
10.45	2250	110	51	40	.5	
11.15	2255	110	50.5	40	.5	
11.45	2250	110	50.5	40	.5	
12.15	2250	110	50.5	40	.5	
12.45	2250	110	50.5	40	.5	
1.15	2250	110	50.5	40	.51	
		<u>25% OVERLOAD.</u>				
	2255	110	64	34	.41	
		<u>COMPOUNDING.</u>				
	1765	110	6	109	1.42	No load. Full Field.
	1620	110	34.5	109	1.42	Full load " "
	2245	110	50.5	42	.54	Full load Weak Field.
	2885	110	10	42	.54	No " " "



Temperature Rise in degrees Fahrenheit at Air Temperature A:—

66 B:—

	A	B		A	B		A	B
Armature	42		Commutator	24		Shunts	14	
Series	20		Interpoles	24				

High Pressure Test 2000

Volts for 1 minute.

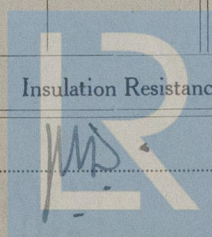
Insulation Resistance

50.

Megohms

Date of Test 6.9.45.

Signed



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Lloyd's Register
Foundation

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