

Certificate No. 13339

NCE, SCOTT & ELECTROMOTORS, LTD., MANCHESTER WORKS.

CERTIFICATE of TEST of MACHINE No. 185659

e MYB5B

Shop Order 95784

Date of Test 20-2-50

Your Order No.

Description Marine Type Screen Protected Protected Drip
of Squirrel Cage Induction Motor.

Connected Star/Delta

H.P. 7 K.V.A. - Volts { Line 420 Rotor Phase 3 Period 50 Amps. { Line 11.0 Rotor R.p.m. 920

TEST RECORD

G 8528

Volts	AMPERES		KILO-WATTS			R.P.M.	Temp. Air °C	Power Factor
	1	2	1	2	Total			
400	11.2	11.2	2.04	4.44	6.48	970	18	.837
400	11.2	11.2	2.04	4.44	6.48	970	19	-
400	11.2	11.2	2.04	4.44	6.48	970	19	-
400	11.2	11.2	2.04	4.44	6.48	970	20	-
400	11.2	11.2	2.04	4.44	6.48	970	20	-
400	11.2	11.2	2.04	4.44	6.48	970	21	-
400	11.2	11.2	2.04	4.44	6.48	970	21	-
420	11.1	11.1	2.04	4.44	6.48	970	21	.80
420	8.6	8.6	1.44	3.36	4.8	976	21	.769
420	6.4	6.4	.80	2.5	3.3	990	21	.70
20	4.0	4.0	.98	.62	.36	1000		
20	13.5	13.5	2.52	5.36	7.88	960	22	.825
20	13.5	13.5	2.52	5.36	7.88	960	22	.825

% Overload for 1 Minute
100% Overload for 15 Seconds.**FINAL TESTS**

(Applied immediately after the Test Run)

(TEMPERATURE TEST Degrees Fahr.) Cent.

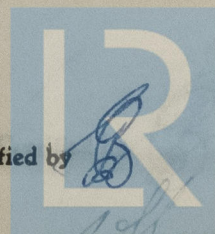
	STATOR		ROTOR		Slip Rings
	Wdg.	Iron	Wdg.	Iron	
Machine ...	45		47		
Air ...	21		21		
Temp. Rise...	24		26		

STARTING TORQUE TEST. Connected
Torque 30 ft. lbs. 420 Volts. 15 Amps.**OVERLOAD TEST.**
An Overload of 100 % was applied
for 15 minutes. seconds**HIGH-PRESSURE TEST.**An alternating pressure of 2000 volts was
successfully applied for One minutes.**INSULATION TEST.**(Measured by 500 volt "Megger")
To earth Between phasesStator 100 megs 90 megs.
Rotor megs.

GEAR DETAILS Size of Carbons "x" Quality No. of Rings No. per Ring

GENERAL NOTES Hot Stator Resistance - 3.95 Ohms per Phase.

Certified by



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Lloyd's Register
Foundation

Testing Engineer

at Test Mr. Clayton.

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