

METROPOLITAN-VICKERS ELECTRICAL CO. LTD.

CERTIFICATE OF TEST.

M.V. "Darysca"

30th August 1938

TITLE OF APPARATUS: D.C. ~~GENERATOR~~ MOTOR.

DRIP-PROOF.

Type DY.1815

Serial No. (Machine 27650-B2
Armature

Volts 110

Cat. or Style No.

H.P., ~~XXXX~~ 2 Amps. 17.8 SPEED 1600

Req. No. G.O. D.081424

Rating CONTINUOUS

S.O. No. M.V.D. 27650

CUSTOMER MESSRS. ALFA-LAVAL CO. LTD.

Customer's Order No. S.734M

LOG OF RUN	Time	Volts Line	Amp. Line	Amp. Field	Speed	Rotation
Full load		110	17.8	0.98	1560	C
125% load	6.0	110	22.25	0.96	1520	C
		Run on 25% overload for half an hour				
125% load	6.30	110	22.25	0.84	1570	C
Full load		110	17.8	0.84	1600	C
		Shut down and neutral checked.				
		110	17.8	0.84	1600	C/CC
Full load		110	22.25	0.84	1580	C
125% load		110	2.25	0.84	1800	C
No load						

TEMPERATURE RISE by thermometer after 1 1/2 hrs. run-after

Armature	35 °C		
Commutator	20 °C		
Field Coils (M.P.)	17 °C	Air.	°C
" " (C.P.)	13 °C		

hrs. run
°C
°C
°C
°C

COMMUTATION. Very Good

High VOLTAGE TEST - Machine withstood. 1220 volts alternating.
between windings and earth for V one min.

REMARKS. Insulation Resistance (hot) = 30 megohms

These temperatures were obtained on an exactly similar machine, No. 27650-B1.

14/9/38

W.T.B.

HC/JCI

Certified

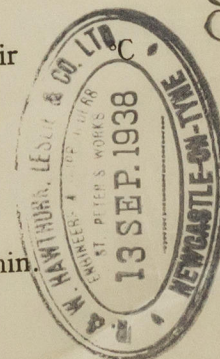
C. A. L. L. L.

MOTOR FOR LUB. OIL PURIFIER

ENG. N° 3938

Engineer.

002659-002666-0149



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Foundation