

M. "EMPIRE TEDRITA"  
GEN. No 2.

Vessel No. 1314-P

A.J. Inglis,

Order No. 7836

26th Feb/45.

Messrs: RUSSELL NEWBERRY & CO. LTD.

Date

## PARTICULARS OF TEST

TYPE VENTILATED ENCLOSED LOUVR'D. RATING CONTINUOUS.

GENERATOR.

MACHINE No.

10521. ✓

SIZE No. 9N

OUTPUT 163½

AMPS.

18

K.W.

B.H.P.

110

VOLTS

1030

1000


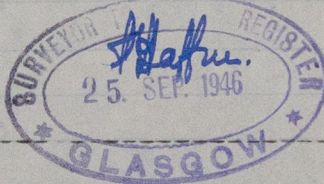
R.P.M. LIGHT

R.P.M. LOADED

STYLE OF WINDING COMPOUND.

DATE OF TEST 19th Nov. 1945. LENGTH OF RUN

{ 6 Hours Full Load.  
2 Hours 25% O/L.  
One Minute 50% O/L.

TIME	AMPS.	VOLTS	R.P.M.	B.V.	DIRECTION OF ROTATION	REMARKS
	0	140	1030			Max.volts cold light.No resistance in field.Shunt current 3.45 amps.
8-0 a.m	0	110	1030		"	Starting figures cold.Regulator set
	164	112	1000		"	Shunt current 1.68 amps.
2-0 pm	0	110	1030		"	Final figures warm.Regulator set
	164	110.5	1000		"	Shunt current 1.65 amps.
Two hours at 25% overload.						
2-15 p.m	204	110	998		"	
4-15 pm	205	110	997		"	
One minute at 50% overload.						
	246	110	990		"	Commutation O.K.
	0	135	1030		"	Max.volts warm light.No resistance in field.Shunt current 3.0 amps.
	163	129	1000		"	Max.volts warm loaded.No resistance in field.Shunt current 2.9 amps.

MACHINE SET TO RUN Counter clockwise.  
at 2-0 p.m.



RISE

LOOKING AT COMMUTATOR END

HEIGHT CHECKED BY C.R.

TEMPERATURE: ATMOSPHERE FAHR.

61° fahr.

INSULATION RESISTANCE

COMMUTATOR

103

42

HOT 8 MEGOHMS

ARMATURE AND  
POLE PIECE }

108

47

COLD 20 MEGOHMS

ARMATURE  
BACK END }

109

48

NAME-PLATE SPEED 1000 R.P.M.

SHUNT

93

32

2000 VOLT A.C. TEST (One Minute) O.K.

SERIES

93

32

SHUNT  
TESTED WITH REGULATOR No. 19673

INTERPOLES

95

34

per pro McClure & Whitfield  
per pro J. H. Spencer

SPECIAL NOTE

McCLURE & WHITFIELD, Electrical Engineers, Range Road, Adswold, STOCKPORT.

W 986-190