

A.L.I. Inglis

Vessel No. 1314-P

"EMPIRE TEDRITA"

Order No. 7835

26th Feb/45.

Date

Messrs. RUSSELL NEWBERRY & CO. LTD.

GEN. NO3

PARTICULARS OF TEST

TYPE VENTILATED ENCLOSED LOUVRED. RATING CONTINUOUS.

GENERATOR.

MACHINE No. 10507. ✓

SIZE No. 6AS

OUTPUT 59 AMPS. 6.5 K.W. 110 VOLTS 1030 R.P.M. LIGHT
-B.H.P. 110 1000 R.P.M. LOADED

STYLE OF WINDING COMPOUND.

DATE OF TEST 12th 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	at comm.	REMARKS
	0	131	1030				Max.volts cold light.No resistance in field. Shunt current 2.40 amps.
10.0 am	0	110	1030		"		Starting figures cold.Regulator set
	59	112	1000		"		Shunt current 1.45 amps.
4.0 pm	0	110	1030		"		Final figures warm.Regulator set.
	59	110	1000		"		Shunt current 1.43 amps.
Half hour at 25% overload.							
4-15 pm	74	110	1000		"		
4-45 pm	74	110	1000		"		
One minute at 50% overload.							
	89	110	995		"		Commutation O.K.
	0	124	1030		"		Max.volts warm light.No resistance in field.Shunt current 2.05 amps.
	59	119	1000		"		Max.volts warm loaded.No resistance in field.Shunt current 1.95 amps.



MACHINE SET TO RUN Counter clockwise.

LOOKING AT COMMUTATOR END

RISE

HEIGHT CHECKED BY C.R.

TEMPERATURE: ATMOSPHERE FAHR.

590 fahr.

INSULATION RESISTANCE

COMMUTATOR

103

44

HOT 15 MEGOHMS

ARMATURE AND POLE PIECE

107

48

COLD 30 MEGOHMS

ARMATURE BACK END

108

49

NAME-PLATE SPEED 1000 R.P.M.

SHUNT

93

34

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

SERIES

94

35

SHUNT TESTED WITH REGULATOR NO. 19653

INTERPOLES

95

36

per pro McCURE & WHITFIELD.

SPECIAL NOTE

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

1010-986-0189