

M.V. "EMPIRE TEDRITA"
CROMPTON PARKINSON LIMITED.

A.J. Inglis Yd No 1314P.

GEN. NOI

EXTRACT OF TEST.

Order No. 226760.

M/C No. F121A1389.✓

Customer Messrs Davey Paxman & Co.

Exc. No.

Customer's Order No. 25/613.

Govt. Contract No. CP (MS) 1032/44.

Description of Machine Compound Generator.

Input-Volts Amps Output Volts 110 Amps 227 Date of Test 10.1.45.

BHP Phase KW 25 PF Speed 1100 Periods

Present KVA

TIME	SPEED	VOLTS	AMPS	SHUNT VOLTS	SHUNT AMPS.
	1135	99	0	62.5	2.7 N.L.
11.0	1135	110	0	70.5	3.05
	1100	110	227	70.5	3.05 F.L.
12.0	1100	110	227	75	3.05
1.0	1100	110	227	75	3.05
2.0	1100	110	227	75.5	3.05
3.0	1100	110	227	76	3.05
4.0	1100	110	227	76	3.05
5.0	1100	110	227	76	3.05
	1115	112	114	77.4	3.1 ½ Load.
	1135	110	0	76	3.05
5.10	1100	110	284	76.5	3.1)
6.10	1100	110	284	77.5	3.1) 25% OL 2 hrs.
7.10	1100	110	284	77.5	3.1)

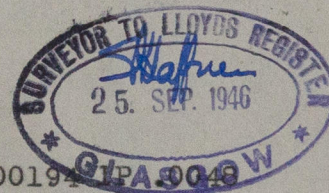
50% OL for 1 min. O.K.

Effy: FL 88.15% ¾ L. 87.7% ½ L. 85.7%

Resistances (Ohms)

(Cold) Armature .0111 Shunt 23.0 Series .00194

(Hot) " .0127 " 24.9 " .0021 " .0057



Temperatures taken at 5.0 p.m. Atmosphere 15 C.

Stator core Interpoles 40 C.

Stator winding Armature 47 C.

Rotor winding Field 38 C.

Sliprings Comm. 50 C.

Insulation resistance when hot (Megs) 2000 Over 50 all in.

Flash Test volts 5 to earth.

Date 17.1.45.

Signed

Form No. H. 6/10,000/D.O. 10210/E.N.M.

W986-0191