

Blackburn C.
James W. Book 26 (L. number) L13
Ipswich Report N. 14044

Year 15. 1185.

Messrs. R.A. LISTER & CO LTD

Order No. 202500
Contract or Job No. BRUSTON M. 31700

PARTICULARS OF TEST

Date 19.1.59.

TYPE { Totally Enclosed.
Ventilated Enclosed Lowred.

RATING CONTINUOUS

GENERATOR No. 20593A

MOTOR No.

SIZE No. C5

LOAD 64

AMPS. 7

K.W.

B.H.P. 110

VOLTS 1860
1800

R.P.M. LIGHT

R.P.M. LOADED

STYLE OF WINDING

DATE OF TEST

TIME	AMPS.	VOLTS	R.P.M.	SHUNT AMPS.		MOTOR AND GENERATOR	GENERATOR ONLY
10-15	0	154	1860	3.7		No Load Cold	No Regulation
	0	110	1860	1.55		No "	With Regulation
	64	113	1800			Full "	" "
4-15	64	110	1800			No Load Warm	" "
						Full "	" "
						No Load Warm	No Regulation
hot compg	64	110	1800	1.6	66	Full "	" "
	(-	110	1860	1.6	66		
						25% Overload for 1/4 Hour	
						25% " for 2 Hours	
						50% " for 1 Minute	
						50% Overload for 1 minute O.K.	
Full shunt	-	146	1860	3.4	146		
Hot.							

Lloyd's Official Inspection

MACHINE SET TO RUN

Clockwise

RISE

LOOKING AT COMMUTATOR END

INSULATION RESISTANCE

TEMPERATURE : ATMOSPHERE CENT.

COMMUTATOR

ARMATURE AND
POLE PIECE }
ARMATURE }
BACK END }

SHUNT

SERIES

INTERPOLES

17

43

48

36

39

37

26

31

19

22

20

HOT

25

COLD

NAME-PLATE SPEED

2000 VOLT A.C. TEST (One Minute)

SHUNT
TESTED WITH REGULATOR No.

per pro. DAVID McCLURE, Ltd.

MEGOHMS

MEGOHMS

R.P.M.

O.K.

DAVID McCLURE, Ltd., Electrical Engineers, Range Road, Adswood, STOCKPORT.

010137-010149-0022