

GLASGOW REPORT No. 55326

924

THE BRITISH THOMSON-HOUSTON CO., LTD., RUGBY.

CERTIFICATE OF TEST.

Rugby, 21st January 1935

D.C. MOTOR, ~~GENERATOR~~ Type DY.1514 DRIP-PRF. Machine No. 41775 B1

H.P., ~~KWX~~ 2.5 Amp. 10.8 Volts 220 Speed 3500 Armature No. -

Customer Messrs. SUPER-CENTRIFUGAL ENGINEERS LTD. Reqn No. 320193/7000

Customer's Order No. S.7928/9 Date of Test 19th March 1934

LOG OF RUN	Time	Volts Line	Amp. Line	Amp. Field	Speed	Rotation
Full load	11-30	220	10.8	.376	3400	C
Run on full load for four hours						
Full load	3-30	220	10.8	.315	3560	C
Shut down, temperatures taken and neutral checked.						
Full load		220	10.8	.315	3560	C
125% load		220	13.5	.315	3530	C
150% load		220	16.2	.315	3510	C
No-load		220	1.4	.315	3820	C

TEMPERATURE RISE by thermometer after 4 hrs. run—after

Armature	28 °C	hrs. run	°C
Commutator	20 °C		°C
Field Coils (M.P.)	23 °C	Air	12 °C
" " (C.P.)	25 °C		°C

COMMUTATION Very good

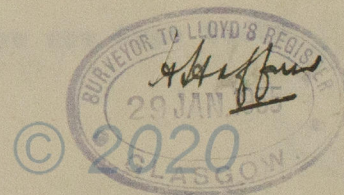
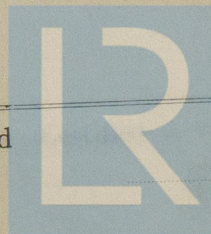
High VOLTAGE TEST—Machine withstood 1,440 volts alternating
between windings and earth for one min.

REMARKS



JL/ELM

Certified



Lloyd's Register
Foundation
A. A. POLLOCK
Engineer.