

## CAMPBELL &amp; ISHERWOOD LTD.,

RALEIGH STREET WORKS,  
BOOTLE,  
LIVERPOOL.

E No. 9882.

ICATE No. G.9.

F TEST 18/6/35.

## CERTIFICATE OF TEST

S.S. "DUMFRIES."  
MESSRS. HAWTHORN LESLIE & CO. LTD.ORDER NO. 68685.  
JOB NO. H7404.1100M OPEN TYPE, COMPOUND WOUND GENERATOR. D/C TO 8" x 6" ENGINE  
OUTPUT:- 12.5 K.W. 110 VOLTS, 114 AMPS, 375 R.P.M.CONTINUOUSLY RATED

<u>TIME</u>	<u>VOLTS</u>	<u>AMPS</u>	<u>SHUNT</u>	<u>AMPS</u>	<u>R.P.M.</u>
-	120	0	3.9		375
-	110	0	3.0		375
-	116.5	114	3.35		375
8.0	110	114	2.6		375
8.30	110	114	2.85		375
9.0	110	114	3.0		375
9.30	110	114	3.1		375
10.0	110	114	3.15		375
10.30	110	114	3.2		375
11.0	110	114	3.2		375
11.30	110	114	3.2		375
12.0	110	114	3.2		375
12.30	110	114	3.2		375
1.0	110	114	3.2		375
1.30	110	114	3.2		375
2.0	110	114	3.2		375
-	102	0	2.5		375

- TEMPERATURE AFTER 6 HOURS RUN -

ATMOSPHERE.	64°F.	RISE.
ARMATURE WINDING F.E.	130°F.	66°F.
" " B.E.	130°F.	66°F.
" CORE.	134°F.	70°F.
COMMUTATOR.	116°F.	52°F.
SERIES.	110°F.	46°F.
SHUNT.	111°F.	47°F.

- INSULATION RESISTANCE OF WHOLE MACHINE -

40 MEGS: COLD.

10 MEGS: HOT.

FLASH TEST 2,000 VOLTS A.C. FOR ONE MINUTE - SATISFACTORY.

CAMPBELL &amp; ISHERWOOD LTD.

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Lloyd's Register  
Foundation

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