

ONE No. BOOTLE 1242 GLASGOW REPORT No. 57049 TELEGRAMS "PRESSURE," LIVERPOOL

CAMPBELL & ISHERWOOD LTD.,

E No. 10349. RALEIGH STREET WORKS,  
BOOTLE,  
LIVERPOOL.

DATE No. G. 39.  
F TEST 5/3/36.

## CERTIFICATE OF TEST

- MESSRS. LITHGOWS LIMITED -

NO. H.8972. ORDER NO. G/1. 3293. SHIP NO. 881.

OPEN TYPE, COMPOUND WOUND GENERATOR, SINGLE BEARING D/C TO 8" x 6"  
ROBEY ENGINE

:- 12.5 k.w. 110 volts, 114 Amps, 375 R.P.M. Continuously rated.

TIME	VOLTS	AMPS	SHUNT AMPS	R.P.M.
.00	110	0	3.3	375.
.30	112	114	3.45	375
.0	110	114	3.1	375
.30	110	114	3.2	375
.0	110	114	3.2	375
.30	110	114	3.2	375
.0	110	114	3.2	375
.30	110	114	3.25	375
.0	110	114	3.25	375
.30	110	114	3.25	375
.0	110	114	3.25	375
.30	110	114	3.25	375
.0	110	114	3.25	375
.30	110	114	3.25	375
.0	110	114	3.25	375
.30	110	114	3.1	375
.0	108	0		

SIX HOUR FULL  
LOAD TEST.

- TEST STOPPED TO TAKE TEMPERATURES -

.15.	110	142	3.1	375	} 25 % OVERLOAD FOR 2 HOURS.
.45	110	142	3.15	375	
.15	110	142	3.15	375	
.45	110	142	3.2	375	
.15	110	142	3.25	375	

- TEMPERATURE AFTER 6 HOURS FULL LOAD TEST -

ATMOSPHERE.	56° F.	RISE.
ARMATURE WINDING FE.	113° F.	57° F.
" " BE	113° F.	57° F.
" CORE.	115° F.	59° F.
COMMUTATOR.	110° F.	54° F.
SERIES.	104° F.	48° F.
SHUNT.	94° F.	38° F.

INSULATION RESISTANCE OF WHOLE MACHINE 50 MEGS: COLD 30 MEGS: HOT.

Lloyd's Register

Foundation

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