

T.S. 16417

PAGE 9463

STANDBY C.W. & G.S. PUMP

W. H. ALLEN, SONS & CO., LTD.

DATE 8.12.43

D

Final

TEST

CUSTOMER Messrs. Drysdale & Co. Ltd. (Hy. Robb).

W. No. E2/44317/1&2

Stand-By Cooling

K.W. 24/45

H.P. 24/45

VOLTS 220

R.P.M. 1150/1750

AMPS. 95/172

SERIES SHUNT COMPOUND WOUND & INTERPOLES

RATING 63

F 6 HRS. O.L.

%

HRS.

% MOM

COMPDG

GOV. RANGE

25%

ROTATION

FRAME VG9

TYPE EVDP

EAN & BAFFLE

ARRGT No. 12222A

DIAGRAM No. 4.17.012

BRUSH GEAR:— 4 ARMS 3 PER ARM 7" x 3" HM6

Sect. POSITION 1 S.F.

PRESSURE 24 lbs. brush

NATURE OF TEST Motor-Generator.

SWITCHGEAR WHA E2/44318

RUN	6	HOURS	LINE VOLTS	ARMTR AMPS.	FIELD		R.P.M.	ATMOS. °F	TEMPERATURES °F					
					VOLTS	AMPS.			ARM. I.	ARM. C.	COMM.	SHUNT	SERIES	LP.
		START	220	93	220	2.55	1110	68 ACTUAL	101	100	95	97	102	98
		FINISH	"	"	"	2.32	1150	RISE	33	32	27	29	34	30
		START						ACTUAL	After 6 hrs. at B.S.					
		FINISH						RISE						

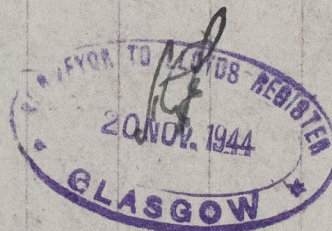
REGULATION

N.L. MIN. VOLTS SPEED	COLD	LINE VOLTS	ARMTR AMP	FIELD		R.P.M.	LINE VOLTS	ARMTR AMP	FIELD VOLTS	FIELD AMPS.	R.P.M.
				VOLTS	AMPS.						
		220	11.5	220	2.55	1160					
F.L.	"	"	91.5	"	"	1110					
N.L. MAX.	"	"	29.0	77	.98	2080					
F.L.	"	"	171	"	"	1860					
% O.L.	"										
		220	12.0	220	2.3	1200	220	12.2	220	2.38	1250
F.L.	"	"	93	"	"	1150	"	93	"	"	1152
N.L. MAX.	"	"	30.0	83	.9	2105	"	33.0	82	.91	2160
F.L.	"	"	171	"	"	1870	"	171	"	"	1920
% O.L.	"										

Overspeed & Backing Tests O.K.

HENRY ROBB. YARD 335

STANDBY C.W. & G.S. PUMP



COMMUTATION AT

50 % O.L. Good

AIRGAPS MAIN

.1

LP.

.125

AIRGAPS MAIN

.1

LP.

.125

Grease or Oil retention

INSULATION RESIS.

40

MEG OHMS

INSULATION RESIS.

40

MEG OHMS

BALANCE AT 2000

R.P.M.

Good

PRESSURE TEST 2

MINS.

2000

VOLTS

NAMEPLATES

INSPECTED BY

TESTED BY

K. Wiles.

SIGNED

00466-010471-0280

For W. H. ALLEN, SONS & Co., Ltd.

© 2021

Lloyd's Register Foundation