

T.S. 16415

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

DATE 5.12.43

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Official

TEST

CUSTOMER Messrs. Drysdale &amp; Co. Ltd. for H. Robb.

W. No. E2/44315

General Service.

K.V. 7/14 VOLTS 220 R.P.M. 1200/1800 AMPS. 30/56 SERIES SHUNT COMPOUND WOUND &amp; INTERPOLES

RATING 63 % F 6 HRS. O.L. % HRS. % MOM COMPDG GOV. RANGE 25% ROTATION C.C.

FRAME VB5 TYPE EVDP FAN &amp; BAFFLE GEN. ARRGT No. DIAGRAM No.

BRUSH GEAR 4 ARMS 2 PER ARM 7/8" x 1/2" HM6 POSITION PRESSURE 2 1/2 lbs. brush

NATURE OF TEST Motor-Generator. SWITCHGEAR E2/44316 P. 6179.

RUN	HOURS	LINE VOLTS	ARMTR AMPS.	FIELD		R.P.M.	ATMOS. °F	TEMPERATURES °F					
				VOLTS	AMPS.			ARM. L	ARM. C	COMM.	SHUNT	SERIES	I.P.
Motor No. 1.	START	220	28	220	1.8	1000	60 ACTUAL	107	108	94	103	89	86
	FINISH	"	"	"	1.58	1135	RISE	47	48	34	43	29	26
Gentr. No. 2.	START	185	24	130	1.1	1000	ACTUAL						
	FINISH	189	23	"	"	1135	RISE						

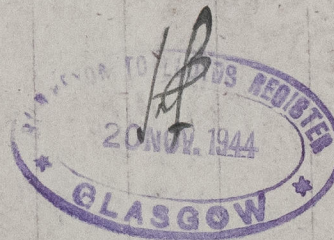
## REGULATION

E2/44315/1

N.L. MIN. VOLTS SPEED	COLD	LINE VOLTS	ARMTR AMP.	FIELD		R.P.M.	LINE VOLTS	ARMTR AMP.	FIELD		R.P.M.	No. 2.
				VOLTS	AMPS.				VOLTS	AMPS.		
N.L. MIN. VOLTS SPEED	COLD	220	5.5	220	1.8	1140						
F.L. " " "	"	"	28	"	"	1000						
N.L. MAX. " "	"	"	12	54	.5	2070						
F.L. " " "	"	"	55	"	"	2000						
% O.L.	( )											
N.L. MIN. VOLTS SPEED	HOT	220	6.0	220	1.62	1185	220	6.0	220	1.6	1200	N.L. Min. Hot
F.L. " " "	"	"	28	"	"	1140	"	28	"	"	1170	F.L. "
N.L. MAX. " "	"	"	14	60	.43	2380	"	13	62	.44	2395	N.L. Max Hot
F.L. " " "	"	"	55	"	"	2100	"	55	"	.46	2106	F.L. "
% O.L.	"	"	83	"	"	1908	"	83	"	"	1900	50% O.L.

HENRY ROBB. YARD 335

GENERAL SERVICE PUMP



COMMUTATION AT 50 % O.L. O.K.

AIRGAPS MAIN .07 I.P. .1

INSULATION RESIS. 40 MEGOHMS

BALANCE AT 2380 R.P.M.

AIRGAPS MAIN .07 I.P. .1

INSULATION RESIS. 40 MEGOHMS

PRESSURE TEST 2 MINS. 2000 VOLTS

Grease or Oil retention

INSPECTED BY

TESTED BY R.W. Glass.

SIGNED

610466-610477-0284

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

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