

T.S. 16465

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

DATE 13.12.43

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Final

TEST

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

W. No. E2/44321-1-2

Fire Pump.

H.P. 48/68 VOLTS 220 R.P.M. 1600/1900 AMPS. 190/262 ~~ARMATURE~~ COMPOUND WOUND & INTERPOLES

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

FRAME VE7 TYPE SVDP FAN & BAFFLE GEN. ARRGT No. On Sect. DIAGRAM No. On Sect.

BRUSH GEAR: 4 ARMS 3 PER ARM 1 1/2" x 3/8" 1146 POSITION N. PRESSURE 2 lbs. brush

NATURE OF TEST Parallel Hopkinson. SWITCHGEAR WHA Starter. E2/44322

RUN	HOURS	LINE VOLTS	ARMTR AMPS.	FIELD		R.P.M.	ATMOS. 59°F	TEMPERATURES °F					
				VOLTS	AMPS.			ARM. I.	ARM. C.	COMM.	SHUNT	SERIES	I.P.
	START	220	261	220	1.4	1850	ACTUAL	120	121	112	86	80	82 Top
	FINISH	"	"	"	1.3	1890	RISE	62	63	54	28	22	24 Speed
	START						ACTUAL						
	FINISH						RISE						

REGULATION

N.L. MIN. VOLTS COLD

220 25.0 220 4.2 1488

F.L. " " " 186 " " 1402

N.L. MAX. " " " 46.0 73 1.4 2280

F.L. " " " 261 " " 1985

% O.L. " "

N.L. MIN. VOLTS HOT

220 23.0 220 3.76 1505 220 25.0 220 3.65 1520

F.L. " " " 186 " " 1445 " 186 " " 1452

N.L. MAX. " " " 42.0 77 1.31 2300 " 44.0 75 1.8 2302

F.L. " " " 261 " " 2090 " 261 " " 1965

% O.L. " "

Overspeed & Backing Tests O.K.

HENRY ROBB. YARD N°335

FIRE PUMP



COMMUTATION AT

50 % O.L. Good

AIRGAPS

MAIN .1 LP. .125

INSULATION RESIS. 40

MEG OHMS

BALANCE AT 2000 R.P.M. Good

AIRGAPS

MAIN .1 LP. .125

INSULATION RESIS. 40

MEG OHMS

PRESSURE TEST 2 MINS. 2000 VOLTS

Grease or Oil retention

NAMEPLATES

INSPECTED BY

TESTED BY

K. Files

SIGNED

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

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