

74

00A.

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

3.35.

GENERATOR.....TEST SHEET.

W. No. E1/47679

ER: The Orient Steam Navigation Co.Ltd. DESTINATION: S.S."Orion"

Diesel Generator.

TEST Official

ATION: RATING 55 °F. 6 HOURS.

O.L. 10 % 2 HOURS.

% Mom.

COMPDG.

H.P. 90

VOLTS.

220

R.P.M.

500

AMPS. 410

TYPE: FRAME

D.V.13

TYPE

O.T. with canopy.

NO FAN AND BAFFLE

G Compound and Interpole.

Gov. RANGE

HAND R.H.

E OF TEST:

On own Engine.

GEN. ARRGT. No.

GEAR B.O.B. Regulator.

PAGE

DIAGRAM No.

TURES: Hours run

6

Atmos.

50 °F

AIRGAPS

1

2

3

4

5

6

E1/47679

Main P.

.15

Dynamo

I.P.

.15

500

410 A.

220 V.

A.

V.

3.4

146

106 °F.

56 °F.

°F.

°F.

105

55

98

48

107

57

102

52

100

50

READINGS

ATION

O.K.

at 10 % O.L

RESIS.

40 megs.

GEAR. Arms.

4

per Arm.

5

1 1/4" x 3/4"

EG. 6345

1 seg: back

2 1/2 lbs. per brush.

TEST. Volts. ...

2000

2

TESTED BY MR. CAMERON.

TESTED BY

L. RABBITT.

SIGNED

for W. H. A. Sons & Co., Ltd.

004285-004291-0098

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



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Dynamo El/47679.

Arm. Field.

Time.	Volts.	Amps.	Volts.	Amps.	Revs.	
202	372	120	3.5	500	Reg:all in	} F.L.
268	340	268	6.85	500	Reg:all out	
278	0	278	7.15	505	Reg:all out	} N.L.
125	0	70	1.8	505	Reg:all in	
222	0	136.5	3.45	520	N.L. Steady	
220	410	136	3.4	500	F.L. Steady	
					Atmos:	
					Temp:	
8.00	220	410	136	3.4	500	48° F.
8.30	220	410	136	3.4	500	48
9.00	220	410	137	3.4	500	48
9.30	220	410	137	3.4	500	50
10.00	220	410	138	3.4	500	50
10.30	220	410	140	3.4	500	50
11.00	220	410	142	3.4	500	51
11.30	220	410	143	3.4	500	51
12.00	220	410	144	3.4	500	52
12.30	220	410	144	3.4	500	50
1.00	220	410	146	3.4	500	50
1.30	220	410	146	3.4	500	50
2.00	220	410	146	3.4	500	50

Regulation.

	Volts.	Amps
F.L. All in	190	365
F.L. All out	265	350
N.L. All in	145	0
N.L. All out	275	0

Compounding.

F.L. S.	220	410
N.L. M.	242	0
N.L. S.	220	0
F.L. M.	198	420
F.L. S.	219	420
F.L. S.	220	410
3/4	225	306
5/8	230	265
1/2	231	205
1/4	226	103
N.L.	222	0

10% overload.

3.00	220	451	148	3.4	500
3.30	220	451	150	3.4	500
4.00	220	451	150	3.4	500
4.30	220	451	150	3.4	500
5.00	220	451	150	3.4	500



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