

GLASGOW REPORT No. 55464

E. READER & SONS LTD., Engineers, NOTTINGHAM.

TEST RECORD OF ENGINE NO. 14962. SIZE REF: S.F.8. Date 23.10.34.

Coupled to -

GENERATOR NO. F152 A273 winding comp.

Volts 110 K.W. 16.

Time of Day.	Steam pressure lbs.sq.in.at engine stop valve.	Revs. per minute.	Volts.	Amps.
8.30	80	389	110	145
9.0	83	391	110	145
9.30	85	393	110	145
10.0	85	392	109	143
10.30	88	394	109	145
11.0	88	394	110	146
11.30	80	392	109	145
12.0	85	394	110	146
12.30	80	391	109	145
1.0	83	393	110	145
1.30	83	394	110	144
2.0	85	395	109	144
2.30	83	393	111	145

GOVERNOR TEST

Speed at Full Load 393 R.P.M. Speed at no Load 405 R.P.M.

Voltage Variation 3 down.

Speed at No Load 405 R.P.M. Speed at Full Load 393 R.P.M.

Voltage Variation 2 up.

PARTICULARS TAKEN AT END OF TEST

Temperature of Oil 110°F. Temperature of Armature Winding 98°F.
 Temperature of Field Coils 100°F. Temperature of Commutator 92°F.
 Temperature of Atmosphere 65°F. Max. Oil Pressure 35 lbs. sq. in.

REMARKS: Very good on test.

(sgd.). T. Musson.

002671-002678-0057

Date 29/10/34

Signed M.D.