

5 M.M.

t off and

e as per

pressure:

es fitted

acturer.

and

Shunt.....

Series.....

Compound.....

Dynamo.....

Motor with Interpoles.

Volts.....

TEST SHEET.

Order No. 61005

Date 29th May 1936

Type 2 Bearing M/c

Type R.N. 11 4 Pole Reader Coupling S.F. 7. Dry N° 21.

kw 8

Revs. 400

Amps. 80

VARIOUS PARTICULARS.

| Mechanical Details. | Brush Particulars. | Windings. | Nameplate Particulars. |
|-----------------------------|-----------------------------|------------------------|----------------------------|
| Lubrication <u>Ring</u> | Type of Holder <u>N° 11</u> | | <u>Stanford Electrical</u> |
| Oil Plugs Fitted <u>yes</u> | No. of Arms <u>4</u> | Series <u>Parallel</u> | Machine No. <u>30252</u> |
| Running of Rings <u>OK</u> | Brushes per Arm <u>2</u> | Field <u>OK</u> | Volts <u>100</u> |
| End Clearance <u>OK</u> | No. of Comm. Bars <u>48</u> | Interpole <u>OK</u> | H.P. <u>-</u> |
| Shaft Diameter <u>2"</u> | Carbons <u>8 N° 11/57</u> | Compound <u>OK</u> | Amps <u>80</u> |
| Putty <u>1/2 Coupling</u> | | | Speed <u>400</u> |
| Pole Piece <u>ham</u> | | | Arm. No. <u>24920</u> |

Enclosure OP

Terminal Box N° 4 MATA

Rails -

Rotation Anti-clockwise Comm. End.

| Time. | Volts. | Amps. | Revs. | Shunt Current. | Temperature. | OF | Rise °F | Resistances. |
|------------|-------------------------|-------|-------|----------------|-------------------------|--------------|---------|--------------|
| Light Load | 100 | - | 300 | 4.3 | Armature | 135° | 66° | |
| | 100 | 80 | 310 | | Shunt Coils | 134° | 65° | |
| | <u>Shunt Regulation</u> | | | | Interpole | 134° | 65° | |
| | 100 | 80 | 400 | 2.3 | Commutator | 135° | 66° | |
| | 100 | 80 | 400 | 2.3 | Air | 69° | | |
| | 100 | 80 | 400 | 2.35 | Insulation | 3.5 Megohms: | | |
| | 100 | 80 | 400 | 2.4 | Windings flashed | | | |
| | 100 | 80 | 400 | 2.4 | on 1000 Volts A.C. | | | |
| | 100 | 80 | 400 | 2.45 | <u>Shunt Regulator.</u> | | | |
| | 100 | 80 | 400 | 2.45 | Max. Amps 5. | | | |
| | 101 | - | 410 | 2.5 | Min " 1.8 | | | |
| | | | | | Resistance 35 Ohms. | | | |

Tested by A. James

Inspected by.....

Date of Despatch 29th May 1936

Remarks.

See Over.

002956-002969-0301

voltmeters switched for synchronising device for paralleling purposes. For compound machines is the ammeter connected on the opposite po

Earth Testing, state what means are provided at the main switchboard for indicating the state of the in