

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : LanMotors

TAG ID: 1037

H.P. 4K.W. N/AMP: 2RPM: 1500VOLTS: 220PHASE: 3HZ: 60SR#

A. BEFORE RECONDITION

DATE:

A1.

WINDING RESISTANCE TEST (OHMS)

TIME

T-G @500V

T-G @1000V

T-G @2000V

TESTING W/O LOAD (AMPS.)

T1-T2/Pri

12.4

30 SECONDS

L1

L1

T1-T3/Sec

12.4

1 MINUTE

176 m ohm

L2

L2

T2-T3

12.7

10 MINUTES

449 m ohm

L3

L3

REMARKS

PASSED

Polarization Index

1.01

L4

L4

WINDING TEMP.

C°

ABM. TEMP.

C°

L5

L5

REMARKS:

PASSED

L6

L6

A2.

HIGH POTENTIAL TEST (MICRO-AMPS)

T-G@500V

T-G@1000V

T-G@1500V

T-G@2000V

TESTING W/O LOAD (AMPS.)

T1

60

L1

T2

60

L2

T3

60

L3

REMARKS

PASSED

A3.

SURGE TEST/COMPARISON TEST:

VOLTAGE INPUT: 1500

PHASE

1-2

1-3

2-3

TURN TO TURN SHORT
COIL TO COIL SHORT
REVERSED COIL CONNECTION
OPEN COIL CONNECTION
ARCING BETWEEN THE WINDINGS OR PHASES

REMARKS:

PASSED

PHASE

1-2

1-3

2-3

COMPLETE GROUND
PARTIAL GROUND
PHASE TO PHASE SHORT
GOOD WINDING

For Rewind

--> For Recon

RECOMMENDATION:

HUYYYZZ

NOTE:

HAYSZ

B. AFTER RECONDITION/REWINDING

DATE:

B1.

WINDING RESISTANCE TEST (OHMS)

TIME

T-G @500V

T-G @1000V

T-G @2000V

TESTING W/O LOAD (AMPS.)

T1-T2/Pri

30 SECONDS

L1

L1

T1-T3/Sec

1 MINUTE

L2

L2

T2-T3

10 MINUTES

L3

L3

REMARKS

Polarization Index

L4

L4

WINDING TEMP.

C°

ABM. TEMP.

C°

L5

L5

REMARKS:

L6

L6

B2.

HIGH POTENTIAL TEST (MICRO-AMPS)

T-G@500V

T-G@1000V

T-G@1500V

T-G@2000V

TESTING W/O LOAD (AMPS.)

T1

L1

T2

L2

T3

L3

REMARKS

B3.

SURGE TEST/COMPARISON TEST:

VOLTAGE INPUT: 1500

PHASE

1-2

1-3

2-3

TURN TO TURN SHORT
COIL TO COIL SHORT
REVERSED COIL CONNECTION
OPEN COIL CONNECTION
ARCING BETWEEN THE WINDINGS OR PHASES

REMARKS:

PHASE

1-2

1-3

2-3

COMPLETE GROUND
PARTIAL GROUND
PHASE TO PHASE SHORT
GOOD WINDING

RECOMMENDATION:

NOTE:

TESTED BY:

RECEIVED BY:

CERTIFIED BY:
Walter A. Opulencia