

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : Smith Original Motor

TAG ID: 16955

H.P. 1.25

K.W. N/A

AMP: 2.6

RPM: 1140

VOLTS: 460

PHASE: 3

HZ: 60

SR#

A. BEFORE RECONDITION

DATE:

A1.

WINDING RESISTANCE TEST (OHMS)

INSULATION RESISTANCE TEST (MEGA-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°

L5

L5

REMARKS

ABM. TEMP.

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.)

Pri. (Volts)

Sec. (Volts)

Pri. (Amps)

Sec (Amps.)

T1

L1

T2

L2

T3

L3

REMARKS

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

PHASE

1-2

1-3

2-3

COMPLETE GROUND
PARTIAL GROUND
PARTIAL GROUND
PARTIAL GROUND

B. AFTER RECONDITION/REWINDING

DATE:

B1.

WINDING RESISTANCE TEST (OHMS)

INSULATION RESISTANCE TEST (MEGA-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°

L5

L5

REMARKS

ABM. TEMP.

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.)

Pri. (Volts)

Sec. (Volts)

Pri. (Amps)

Sec (Amps.)

T1

L1

T2

L2

T3

L3

REMARKS

B3.

SURGE TEST/COMPARISON TEST:

VOLTAGE INPUT:

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

PHASE

1-2

1-3

2-3

COMPLETE GROUND
PARTIAL GROUND
PARTIAL GROUND
PARTIAL GROUND

RECOMMENDATION:

TESTED BY:

RECEIVED BY:

CERTIFIED BY:
Walter A. Opulencia