

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : LanMotors

TAG ID: 1045

H.P. 4K.W. N/AA.M.P: 2R.P.M: 1500V.O.L.T.S: 220P.H.A.S.E: 3H.Z: 60S.R.# _____

A. BEFORE RECONDITION

DATE:

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|--|----------------------------------|----------|--|------------|--------------------------|---------------------|--------------------------|--------------|-------------|-------------|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| A1. | WINDING RESISTANCE TEST (OHMS) | | INSULATION RESISTANCE TEST (MEGA-OHMS) | | | | TESTING W/O LOAD (AMPS.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | TIME | T-G @500V | T-G @1000V | T-G @2000V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T1-T2/Pri | 0 | 30 SECONDS | | | | L1 | L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T1-T3/Sec | 0 | 1 MINUTE | 0 m ohm | | | L2 | L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T2-T3 | 0 | 10 MINUTES | 0 m ohm | | | L3 | L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | REMARKS | FAILED | Polarization Index | 1.01 | | | L4 | L4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WINDING TEMP. | | | C° | ABM. TEMP. | C° | L5 | L5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REMARKS: | | | FAILED | | | | L6 | L6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2. | HIGH POTENTIAL TEST (MICRO-AMPS) | | | | TESTING W/O LOAD (AMPS.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | T-G@500V | T-G@1000V | T-G@1500V | T-G@2000V | | Pri. (Volts) | Sec. (Volts) | Pri. (Amps) | Sec (Amps.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T1 | TRIP | | | | L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T2 | TRIP | | | | L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T3 | TRIP | | | | L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | REMARKS | FAILED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A3. | SURGE TEST/COMPARISON TEST: | | | | | VOLTAGE INPUT: 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div>PHASE</div><div><div>1-21-32-3</div><table><tr><td></td><td></td><td></td></tr><tr><td>x</td><td>x</td><td>x</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table></div><div>TURN TO TURN SHORT COIL TO COIL SHORT REVERSED COIL CONNECTION OPEN COIL CONNECTION ARCING BETWEEN THE WINDINGS OR PHASES</div></div> | | | | | | | | | x | x | x | | | | | | | | | | <div><div>PHASE</div><div><div>1-21-32-3</div><table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table></div><div>COMPLETE GROUND PARTIAL GROUND PHASE TO PHASE SHORT GOOD WINDING</div><div>--> For RewindFor Recon</div></div> | | | | | | | | | | | | | | | | | |
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| RECOMMENDATION: | | | This is remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE: | | | Thhis is note | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B. AFTER RECONDITION/REWINDING | | | | | | DATE: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1. | WINDING RESISTANCE TEST (OHMS) | | INSULATION RESISTANCE TEST (MEGA-OHMS) | | | | TESTING W/O LOAD (AMPS.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | TIME | T-G @500V | T-G @1000V | T-G @2000V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T1-T2/Pri | 12.4 | 30 SECONDS | | | | L1 | L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T1-T3/Sec | 12.4 | 1 MINUTE | 176 m ohm | | | L2 | L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T2-T3 | 12.4 | 10 MINUTES | 449 m ohm | | | L3 | L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | REMARKS | PASSED | Polarization Index | 1.02 | | | L4 | L4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WINDING TEMP. | | | C° | ABM. TEMP. | C° | L5 | L5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REMARKS: | | | PASSED | | | | L6 | L6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B2. | HIGH POTENTIAL TEST (MICRO-AMPS) | | | | TESTING W/O LOAD (AMPS.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | T-G@500V | T-G@1000V | T-G@1500V | T-G@2000V | | Pri. (Volts) | Sec. (Volts) | Pri. (Amps) | Sec (Amps.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T1 | 60 | | | | L1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T2 | 60 | | | | L2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T3 | 60 | | | | L3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | REMARKS | PASSED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B3. | SURGE TEST/COMPARISON TEST: | | | | | VOLTAGE INPUT: 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div>PHASE</div><div><div>1-21-32-3</div><table><tr><td></td><td></td><td></td></tr><tr><td>x</td><td>x</td><td>x</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table></div><div>TURN TO TURN SHORT COIL TO COIL SHORT REVERSED COIL CONNECTION OPEN COIL CONNECTION ARCING BETWEEN THE WINDINGS OR PHASES</div></div> | | | | | | | | | x | x | x | | | | | | | | | | <div><div>PHASE</div><div><div>1-21-32-3</div><table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table></div><div>COMPLETE GROUND PARTIAL GROUND PHASE TO PHASE SHORT GOOD WINDING</div></div> | | | | | | | | | | | | | | | | | |
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| RECOMMENDATION: | | | This is remark 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE: | | | This is note2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TESTED BY:RECEIVED BY:CERTIFIED BY: Walter A. Opulencia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |