CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

| BRAI | ND/NAME | : Pump Mo | otor | ABB | | | | | | | | | | | | | |
|---------------------------------------|---|--------------|----------|----------------------------------|------------------------|-------------------------------------|--|------------------|----------------|------------|---------------|---------------------------|--|----------------------------|---------------------------------|----------------|--|
| TAG I | D: 17813 | | | | | | | | | | | | | | | | |
| H.P. N/A K.W. 4 AMP: 14. | | | | | | | 7-8.15-7.04 RPM: 3490 VOI | | | S: 440 PHA | | ASE: 3 | | | SR# | | |
| A. E | SEFORE F | RECOND | ITIC | DN N | | | | DATE: 2021-02-0 | 3 | | | | | | | | |
| A1. | WINDING RE | SISTANCE TES | ST | | | INSULA | | CE TEST (MEGA-OI | | | | | TESTING W/O LOAD (AMPS.) | | TESTING WITH LOAD (AMPS.) | | |
| | T1-T2/Pri | 0 | | TIME 30 SECONDS | | | T-G @500V | | T-G @10 | 00V | T-G @20 | V000V | L1 | | L1 | | |
| ł | T1-T2/T11 | | | 1 MINUTE | | | | | 0 M ohm | | | | L2 | | L2 | | |
| | T2-T3 | | | 10 MINUTES | | | | | 0 M ohm | | | | L3 | | L3 | | |
| | REMARKS | FAILED | ŀ | Polarization Index WINDING TEMP. | | | | 0 C° | ABM. TEI | MD | C° | | L4 L5 | | L4 L5 | | |
| • | REWARKS | FAILED | ŀ | REMARKS: | | | FAILED | | ADIVI. TEIVIF. | | | | L6 | | L6 | | |
| A2. | HIG | H POTENTIAL | TEST | T (MICRO-AMPS) T-G@1000V | | | | | | | Pri. (Volts) | | W/O LOAD (AMPS.) Sec. (Volts) | | <u> </u> | | |
| | | T-G@500\ | V | | | | T-G@1500V | T-G@2000V | | | | | | | Pri. (Amps) | Sec (Amps.) | |
| | T1 | NaN | | NaN | | | | | L1 | | | | | | | | |
| | T2 NaN T3 NaN | | - | NaN NaN | | | - | | L2 L3 | | | | | | - | _ | |
| | REMARKS FAILED | | | | | I | | | | + | | | | | + | | |
| A3. | SURGE TEST | /COMPARISON | N TES | T: | | | | • | VOLTAGE | INPUT: | 1500 | | | | • | • | |
| | PHASE | | | | | | | | | | | PHASE | | | | | |
| l i | 1-2 | 1-3 | 1 | 2-3 TURN TO 1 | | | N SHORT | | | | 1-2 | 1-3 | 2-3 | | ETE GROUND | | |
| | х | x | х | | x COIL TO | | | | | | | | | | IAL GROUND SE TO PHASE SHORT | | |
| | | | | | Į. | | OIL CONNECTIO | N | | | | | | | | | |
| | | | | | | | ONNECTION VEEN THE WINDI | | | | Ļ | GOOD | | WINDING | | | |
| | Remarks: | FAILED | ' | | ı | | | | | | > For Re | ewind | Ī | For Rec | on | | |
| REC | OMMENDATION | ۷: | | | | | | | | | | | | | | | |
| NOT | E: | | | | | | | | | | | | | | | | |
| B AFT | ER RECONDIT | ION/REWINDIN | JG. | | | | | DATE: 2021-02-0 | 8 | | | | | | | | |
| B1. | WINDING RE | SISTANCE TES | | INS | | INSULA | TION RESISTANC | CE TEST (MEGA-OI | | MS) | | | | G W/O | TESTING WITH (AMPS.) | LOAD | |
| | (OHMS) | _ | | TIME | | | T-G @500V | | T-G @10 | 00V | | | TESTING W/O LOAD (AMPS.) L1 - 2.1 L2 - 1.9 | | L1 L2 | | |
| | T1-T2/Pri T1-T3/Sec | 3.5 | | 30 SECONDS | | | | | 210 M oh | m | | | | | | | |
| t | T2-T3 | 3.5 | | | 1 MINUTE 10 MINUTES | | | | 221 M oh | | | | L3 - 1.9 | | L3 | | |
| | | | | Polarization Index | | | 1.03 | | | | | | L4 | | L4 | | |
| | REMARKS | PASSED | ļ | WINDING TEMP. REMARKS: | | | PASSED C° | | ABM. TEI | MP. | C° | | L5 L6 | | L5 L6 | | |
| B2. | HIG | H POTENTIAL | TEST | T (MICRO-AMPS) | | | PASSED | | | TESTING | | TESTING V | W/O LOAD (AMPS.) | | | | |
| İ | | T-G@500\ | | T-G@1000V | | | T-G@1500V | T-G@2000V | | | Pri. (Volts) | | Sec. (Volts) | | Pri. (Amps) | Sec (Amps.) | |
| ł | T1 | | \dashv | 60 60 60 | | | | | L1 | | + | | | | | (Allips.) | |
| İ | T2 | | | | | | | | L2 | | | | | | | | |
| ļ | T3 | DACOTE | [| | | | | | L3 | | | | | | | | |
| B3. | REMARKS PASSED 3. SURGE TEST/COMPARISON TEST | | | | | | | <u> </u> | VOLTAGE | INPUT: | 1 1500 | <u>I</u> 500 | | | <u> </u> | | |
| | | PHASE | | | | | | | | | | PHASE | | | | | |
| . | 1-2 | 1-3 | 1-3 2-3 | | | | | | | | 1-2 1-3 | | 2-3 | | | | |
| | | | - | | | | N SHORT | | | | | | | | ETE GROUND | | |
| | | | | | | O COIL SHORT SED COIL CONNECTION | | | | \vdash | $\overline{}$ | | | L GROUND TO PHASE SHORT | | | |
| | | | | | | | ONNECTION | | | | х | х | х | GOOD \ | D WINDING | | |
| ARCING BETWEEN THE WINDINGS OR PHASES | | | | | | | | | | | | | | | | | |
| | Remarks: | PASSED | | | | | | | | | | | | | | | |
| REC | OMMENDATION | N: | | | | | | | | | | | | | | | |
| NOTE: | | | | | | | READY FOR DELIVERY, INSTALLATION AND TEST LOAD | | | | | | | | | | |
| TE - | STED BY: | | | | | | RECEIVED BY | : | | | | CERTIFIED Valter A. Op | | | | | |