CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : LanMotors

TAG ID: 1072

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

A. BEFORE RECONDITION

DATE: 2021-01-31

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		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

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					L1				
T2					L2				
T3					L3				
REMARKS	**FAILED**								

A3. SURGE TEST/COMPARISON TEST: VOLTAGE INPUT: 1500

PHASE 1-2	PHASE 1-3	PHASE 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	PHASE 1-3	PHASE 2-3	
			COMPLETE GROUND
			PARTIAL GROUND
			PHASE TO PHASE SHORT
			GOOD WINDING

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RECOMMENDATION:

NOTE:

B. AFTER RECONDITION/REWINDING

DATE: 2021-01-31

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		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)					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					L1				
T2					L2				
T3					L3				
REMARKS									

B3. SURGE TEST/COMPARISON TEST: VOLTAGE INPUT: 1500

PHASE 1-2	PHASE 1-3	PHASE 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	PHASE 1-3	PHASE 2-3	
			COMPLETE GROUND
			PARTIAL GROUND
			PHASE TO PHASE SHORT
			GOOD WINDING

RECOMMENDATION:

NOTE:

TESTED BY:

RECEIVED BY:

CERTIFIED BY:

Walter A. Opulencia