CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : LanMotors

TAG ID: 17805

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

A. BEFORE RECONDITION

DATE: 2021-02-08

A1.	WINDING RESISTANCE TEST (OHMS)		INSULATION RESISTANCE TEST (MEGA-OHMS)				TESTING W/O LOAD (AMPS.)	TESTING WITH LOAD (AMPS.)
			TIME	T-G @500V	T-G @1000V	T-G @2000V		
	T1-T2/Pri	38.1	30 SECONDS				L1	L1
	T1-T3/Sec	38.1	1 MINUTE	560 M ohm	573 M ohm		L2	L2
	T2-T3	38.1	10 MINUTES				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)					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**								

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: **PASSED**

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

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RECOMMENDATION:	
NOTE:	

B. AFTER RECONDITION/REWINDING

DATE: 2021-02-09

B1.	WINDING RESISTANCE TEST (OHMS)		INSULATION RESISTANCE TEST (MEGA-OHMS)				TESTING W/O LOAD (AMPS.)	TESTING WITH LOAD (AMPS.)
			TIME	T-G @500V	T-G @1000V	T-G @2000V		
	T1-T2/Pri	12.4	30 SECONDS				L1 - 1	L1 - 4
	T1-T3/Sec	12.4	1 MINUTE	176 M ohm			L2 - 2	L2 - 5
	T2-T3	12.4	10 MINUTES	449 M ohm			L3 - 3	L3 - 6
	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

PHASE 1-2	PHASE 1-3	PHASE 2-3	
			TURN TO TURN SHORT
x	x	x	COIL TO COIL SHORT
			REVERSED COIL CONNECTION
			OPEN COIL CONNECTION
			ARCING BETWEEN THE WINDINGS OR PHASES

Remarks: **FAILED**

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

RECOMMENDATION:	Testing2
NOTE:	Testing

TESTED BY: _____

RECEIVED BY: _____

CERTIFIED BY:
Walter A. Opulencia