

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : LanMotors
 TAG ID: 1070

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	0	30 SECONDS				L1	L1																															
	T1-T3/Sec	0	1 MINUTE	0 m ohm			L2	L2																															
	T2-T3	23	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>PHASE</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>TURN TO TURN SHORT COIL TO COIL SHORT REVERSED COIL CONNECTION OPEN COIL CONNECTION ARCING BETWEEN THE WINDINGS OR PHASES</div> <div>Remarks: FAILED</div>									x	x	x										<div>PHASE</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><tr><td></td><td></td><td></td></tr></table> <div>COMPLETE GROUND PARTIAL GROUND PHASE TO PHASE SHORT GOOD WINDING</div> <div>--> For Rewind For Recon</div>																		
x	x	x																																					
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	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																																		
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x	x	x																																					
RECOMMENDATION:																																							
NOTE:																																							
TESTED BY: RECEIVED BY: CERTIFIED BY: Walter A. Opulencia																																							