

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : LanMotors

TAG ID: 17802

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

A. BEFORE RECONDITION

DATE: 2021-02-16

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	0	30 SECONDS					L1	L1																															
	T1-T3/Sec	0	1 MINUTE	0 M ohm	0 M ohm			L2	L2																															
	T2-T3	0	10 MINUTES					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></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>TURN TO TURN SHORT COIL TO COIL SHORT REVERSED COIL CONNECTION OPEN COIL CONNECTION ARCING BETWEEN THE WINDINGS OR PHASES</div></div>																					<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><tr><td></td><td></td><td></td></tr></table></div><div>COMPLETE GROUND PARTIAL GROUND PHASE TO PHASE SHORT GOOD WINDING</div></div> <div>For RewindFor Recon</div>																			
RECOMMENDATION:																																								
NOTE:																																								
B. AFTER RECONDITION/REWINDING						DATE: 2021-02-16																																		
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 -	L1 -																															
	T1-T3/Sec	12.4	1 MINUTE	180 M ohm				L2 -	L2 -																															
	T2-T3	12.4	10 MINUTES	156 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	TRIP				L1																																		
	T2	TRIP				L2																																		
	T3	TRIP				L3																																		
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TESTED BY:RECEIVED BY:CERTIFIED BY: Walter A. Opulencia																																								