## **CALAMBA ALLIED INDUSTRIAL CORPORATION**

MOTOR TEST REPORT

	ND/NAME : D: 17802	LanMotors								
.P. 4		K.W. N/A	AMP: 2	RPM: 150	00 VOLT	S: 220	PHASE: 3	HZ: 60	SR#	
A. E	SEFORE R	ECONDITI	ON		DATE: 2021-02-16	i				
A1.	WINDING RES	SISTANCE TEST		INSULATION RESISTAN	L CE TEST (MEGA-OF	IMS)		TESTING W/O LOAD (AMPS.)	TESTING WITH	H LOAD
	(OHMS)		TIME	T-G @500V		T-G @1000V	T-G @2000V		(AMPS.)	
	T1-T2/Pri T1-T3/Sec	0	30 SECONDS 1 MINUTE	0 M ohm	0 M ohm			L1	L1	
	T2-T3	0	10 MINUTES	O W O IIII		0 M ohm	-	L3	L3	
	1		Polarization Index		1.01			L4	L4	
	REMARKS	FAILED	WINDING TEMP. REMARKS:	FAILED	C°	ABM. TEMP.	C°	L5 L6	L5 L6	
A2.	HIGI	H POTENTIAL TES	T (MICRO-AMPS)	TAILED			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 REMARKS	TRIP FAILED				L3				+
A3.		COMPARISON TE	ST:		<u> </u>	VOLTAGE INPU	T: 1500			
	PHASE						PHASE			
	1-2	1-3	2-3				1-2 1-3	2-3		
				TO TURN SHORT TO COIL SHORT					ETE GROUND L GROUND	
				RSED COIL CONNECTIO	DN				TO PHASE SHOR	RT
			OPEN	COIL CONNECTION				GOOD	WINDING	
	Remarks: OMMENDATION	:								
NOT										
		ON/REWINDING	<u> </u>	INCLII ATION DECISTANI	DATE: 2021-02-16			TESTING W/O	TESTING WITH	11000
		ON/REWINDING	TIME	INSULATION RESISTAN			T-G @2000V	TESTING W/O LOAD (AMPS.)	TESTING WITH (AMPS.)	H LOAD
	WINDING RES					IMS)	T-G @2000V	TESTING W/O LOAD (AMPS.)	TESTING WITH (AMPS.)	H LOAD
	WINDING RES (OHMS) T1-T2/Pri T1-T3/Sec	12.4 12.4	TIME 30 SECONDS 1 MINUTE	T-G @500V		IMS)	T-G @2000V	L1 - L2 -	L1 -	H LOAD
	WINDING RES (OHMS)	12.4	TIME 30 SECONDS	T-G @500V	CE TEST (MEGA-OH	IMS)	T-G @2000V	L1 - L2 - L3 -	L1 - L2 - L3 -	H LOAD
	WINDING RES (OHMS) T1-T2/Pri T1-T3/Sec	12.4 12.4	TIME 30 SECONDS 1 MINUTE 10 MINUTES	T-G @500V		IMS)	T-G @2000V	L1 - L2 -	L1 -	H LOAD
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS	12.4 12.4 12.4 12.4 PASSED	TIME 30 SECONDS 1 MINUTE 10 MINUTES Polarization Index WINDING TEMP. REMARKS:	T-G @500V	CE TEST (MEGA-OH	T-G @1000V	C°	L1 - L2 - L3 - L4 L5	L1 - L2 - L3 - L4 L5	1 LOAD
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS	12.4 12.4 12.4 PASSED	TIME 30 SECONDS 1 MINUTE 10 MINUTES Polarization Index WINDING TEMP. REMARKS:	T-G @500V 180 M ohm 156 M ohm	CE TEST (MEGA-OF	T-G @1000V	C° TESTING	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS.	L1 - L2 - L3 - L4 L5 L6	
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS	12.4 12.4 12.4 12.4 PASSED  + POTENTIAL TES T-G@500V	TIME 30 SECONDS 1 MINUTE 10 MINUTES Polarization Index WINDING TEMP. REMARKS:	T-G @500V 180 M ohm 156 M ohm	CE TEST (MEGA-OH	ABM. TEMP.	C°	L1 - L2 - L3 - L4 L5	L1 - L2 - L3 - L4 L5	
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS	12.4 12.4 12.4 PASSED	TIME 30 SECONDS 1 MINUTE 10 MINUTES Polarization Index WINDING TEMP. REMARKS:	T-G @500V 180 M ohm 156 M ohm	CE TEST (MEGA-OF	T-G @1000V	C° TESTING	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS.	L1 - L2 - L3 - L4 L5 L6	
B. AF <sup>+</sup> B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH	12.4   12.4   12.4   12.4     12.4     12.4	TIME 30 SECONDS 1 MINUTE 10 MINUTES Polarization Index WINDING TEMP. REMARKS:	T-G @500V 180 M ohm 156 M ohm	CE TEST (MEGA-OF	ABM. TEMP.	C° TESTING	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS.	L1 - L2 - L3 - L4 L5 L6	Sec (Amps.)
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3 REMARKS	12.4 12.4 12.4 12.4 PASSED H POTENTIAL TES T-G@500V TRIP TRIP TRIP TRIP	TIME 30 SECONDS 1 MINUTE 10 MINUTES Polarization Index WINDING TEMP. REMARKS: T (MICRO-AMPS) T-G@1000V	T-G @500V 180 M ohm 156 M ohm	CE TEST (MEGA-OF	ABM. TEMP.  L1  L2  L3	C°  TESTING  Pri. (Volts)	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS.	L1 - L2 - L3 - L4 L5 L6	
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3 REMARKS	12.4 12.4 12.4 12.4 PASSED H POTENTIAL TES T-G@500V TRIP TRIP TRIP TRIP COMPARISON TE	TIME 30 SECONDS 1 MINUTE 10 MINUTES Polarization Index WINDING TEMP. REMARKS: T (MICRO-AMPS) T-G@1000V	T-G @500V 180 M ohm 156 M ohm	CE TEST (MEGA-OF	ABM. TEMP.  L1 L2	C°  TESTING  Pri. (Volts)  T: 1500	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS.	L1 - L2 - L3 - L4 L5 L6	
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3 REMARKS	12.4 12.4 12.4 12.4 PASSED H POTENTIAL TES T-G@500V TRIP TRIP TRIP TRIP	TIME 30 SECONDS 1 MINUTE 10 MINUTES Polarization Index WINDING TEMP. REMARKS: T (MICRO-AMPS) T-G@1000V  ST:	T-G @500V  180 M ohm 156 M ohm  PASSED  T-G@1500V	CE TEST (MEGA-OF	ABM. TEMP.  L1  L2  L3	C°  TESTING  Pri. (Volts)	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS. Sec. (Volts)	L1 - L2 - L3 - L4 L5 L6 .)	
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3  REMARKS  SURGE TEST/	12.4 12.4 12.4 12.4 PASSED H POTENTIAL TES T-G@500V TRIP TRIP TRIP TRIP TRIP COMPARISON TE	TIME  30 SECONDS  1 MINUTE  10 MINUTES  Polarization Index WINDING TEMP. REMARKS: T (MICRO-AMPS)  T-G@1000V  ST:  2-3  TURN	T-G @500V 180 M ohm 156 M ohm	CE TEST (MEGA-OF	ABM. TEMP.  L1  L2  L3	C°  TESTING  Pri. (Volts)  T: 1500  PHASE	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS. Sec. (Volts)	L1 - L2 - L3 - L4 L5 L6	
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3  REMARKS  SURGE TEST/	12.4 12.4 12.4 12.4 PASSED H POTENTIAL TES T-G@500V TRIP TRIP TRIP TRIP TRIP COMPARISON TE	TIME  30 SECONDS  1 MINUTE  10 MINUTES  Polarization Index WINDING TEMP. REMARKS: TT (MICRO-AMPS)  T-G@1000V  ST:  2-3  TURN: COIL T	T-G @500V  180 M ohm 156 M ohm  PASSED  T-G@1500V  TO TURN SHORT TO COIL SHORT RSED COIL CONNECTIO	1.02 C°	ABM. TEMP.  L1  L2  L3	C°  TESTING  Pri. (Volts)  T: 1500  PHASE	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS. Sec. (Volts)  2-3  COMPL PARTIA PHASE	L1 - L2 - L3 - L4 L5 L6 .) Pri. (Amps)  ETE GROUND L GROUND TO PHASE SHOR	Sec (Amps.)
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3  REMARKS  SURGE TEST/	12.4 12.4 12.4 12.4 PASSED H POTENTIAL TES T-G@500V TRIP TRIP TRIP TRIP TRIP COMPARISON TE	TIME  30 SECONDS  1 MINUTE  10 MINUTES  Polarization Index WINDING TEMP. REMARKS: TT (MICRO-AMPS)  T-G@1000V  ST:  2-3  TURN: COIL T REVER OPEN	T-G @500V  180 M ohm 156 M ohm  PASSED  T-G@1500V  TO TURN SHORT TO COIL SHORT RSED COIL CONNECTION	1.02 C° T-G@2000V	ABM. TEMP.  L1  L2  L3	C°  TESTING  Pri. (Volts)  T: 1500  PHASE	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS. Sec. (Volts)  2-3  COMPL PARTIA PHASE	L1 - L2 - L3 - L4 L5 L6 .) Pri. (Amps)	Sec (Amps.)
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3  REMARKS  SURGE TEST/	12.4 12.4 12.4 12.4 PASSED H POTENTIAL TES T-G@500V TRIP TRIP TRIP TRIP TRIP COMPARISON TE	TIME  30 SECONDS  1 MINUTE  10 MINUTES  Polarization Index WINDING TEMP. REMARKS: TT (MICRO-AMPS)  T-G@1000V  ST:  2-3  TURN: COIL T REVER OPEN	T-G @500V  180 M ohm 156 M ohm  PASSED  T-G@1500V  TO TURN SHORT TO COIL SHORT RSED COIL CONNECTIO	1.02 C° T-G@2000V	ABM. TEMP.  L1  L2  L3	C°  TESTING  Pri. (Volts)  T: 1500  PHASE	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS. Sec. (Volts)  2-3  COMPL PARTIA PHASE	L1 - L2 - L3 - L4 L5 L6 .) Pri. (Amps)  ETE GROUND L GROUND TO PHASE SHOR	Sec (Amps.)
B1.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3  REMARKS SURGE TEST/	PASSED  H POTENTIAL TEST  T-G@500V  TRIP TRIP TRIP TRIP TRIP TRIP TRIP TRI	TIME  30 SECONDS  1 MINUTE  10 MINUTES  Polarization Index WINDING TEMP. REMARKS: TT (MICRO-AMPS)  T-G@1000V  ST:  2-3  TURN: COIL T REVER OPEN	T-G @500V  180 M ohm 156 M ohm  PASSED  T-G@1500V  TO TURN SHORT TO COIL SHORT RSED COIL CONNECTION	1.02 C° T-G@2000V	ABM. TEMP.  L1  L2  L3	C°  TESTING  Pri. (Volts)  T: 1500  PHASE	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS. Sec. (Volts)  2-3  COMPL PARTIA PHASE	L1 - L2 - L3 - L4 L5 L6 .) Pri. (Amps)  ETE GROUND L GROUND TO PHASE SHOR	Sec (Amps.)
B1. B2.	WINDING RES (OHMS)  T1-T2/Pri T1-T3/Sec T2-T3  REMARKS  HIGH  T1 T2 T3  REMARKS  SURGE TEST/  1-2  Remarks:	PASSED  H POTENTIAL TEST  T-G@500V  TRIP TRIP TRIP TRIP TRIP TRIP TRIP TRI	TIME  30 SECONDS  1 MINUTE  10 MINUTES  Polarization Index WINDING TEMP. REMARKS: TT (MICRO-AMPS)  T-G@1000V  ST:  2-3  TURN: COIL T REVER OPEN	T-G @500V  180 M ohm 156 M ohm  PASSED  T-G@1500V  TO TURN SHORT TO COIL SHORT RSED COIL CONNECTION	1.02 C° T-G@2000V	ABM. TEMP.  L1  L2  L3	C°  TESTING  Pri. (Volts)  T: 1500  PHASE	L1 - L2 - L3 - L4 L5 L6 W/O LOAD (AMPS. Sec. (Volts)  2-3  COMPL PARTIA PHASE	L1 - L2 - L3 - L4 L5 L6 .) Pri. (Amps)  ETE GROUND L GROUND TO PHASE SHOR	Sec (Amps.)