

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : ALIndasd

TAG ID: 17804

H.P. 5K.W. N/AA.M.P. 2R.P.M. 1500V.O.L.T.S. 220P.H.A.S.E. 3H.Z. 60S.R.#

A. BEFORE RECONDITION

DATE: 2021-02-02

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					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					L1																																		
	T2					L2																																		
	T3					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: 2021-02-09																																	
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		30 SECONDS					L1 - 4	L1 - 4																															
	T1-T3/Sec		1 MINUTE					L2 - 4	L2 - 5																															
	T2-T3		10 MINUTES					L3 - 4	L3 - 6																															
	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																																							
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TESTED BY:RECEIVED BY:CERTIFIED BY: Walter A. Opulencia																																								