

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : Blower Motor

TAG ID: 17798

H.P. 1.8

K.W. N/A

AMP: 3.9/7.3

RPM: 870

VOLTS: 220

PHASE: 3

HZ: 60

SR#

A. BEFORE RECONDITION

DATE: 2021-02-01

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				L2	L2																												
	T2-T3	0	10 MINUTES	0 m ohm				L3	L3																												
	REMARKS	FAILED	Polarization Index	0				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>1-2</div><div>1-3</div><div>2-3</div></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>									x	x	x										<div><div>PHASE</div><div><div>1-2</div><div>1-3</div><div>2-3</div></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></table><div>COMPLETE GROUND PARTIAL GROUND PHASE TO PHASE SHORT GOOD WINDING</div><div>--> For Rewind</div><div>For Recon</div></div>																
x	x	x																																			
RECOMMENDATION:																																					
NOTE:																																					
B. AFTER RECONDITION/REWINDING						DATE: 2021-02-01																															
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	10.9	30 SECONDS					L1 - 2.7	L1 -																												
	T1-T3/Sec	11.1	1 MINUTE	1.21 m ohm				L2 - 2.8	L2 -																												
	T2-T3	11.1	10 MINUTES					L3 - 2.6	L3 -																												
	REMARKS	PASSED	Polarization Index					L4	L4																												
WINDING TEMP.			C°			ABM. TEMP.	C°	L5	L5																												
REMARKS: FAILED						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:			Ready for Installation and Test Load																																		
NOTE:																																					
TESTED BY:			RECEIVED BY:			CERTIFIED BY:																															
						Walter A. Opulencia																															