CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRA	ND/NAME	: Blower M	otor											
TAG I	D: 17798													
H.P. 1.8 K.W. N/A AMP: 3.9/					3	RPM: 870	VOL	ΓS: 220	PH	ASE: 3	HZ: 60	SR#		
A. BEFORE RECONDITION							DATE: 2021-02-0	1						
A1.	WINDING RE (OHMS)	SISTANCE TEST		INSUL.		ATION RESISTANCE TEST (MEGA- T-G @500V			001/	TO @0000V	TESTING W/O LOAD (AMPS.)	TESTING WITH LOAD (AMPS.)		
	T1-T2/Pri 0			30 SECONDS		1-0 @3007		T-G @10	000	T-G @2000V	L1	L1		
İ	T1-T3/Sec	T1-T3/Sec 0		1 MINUTE		0 m ohm					L2 L2			
<u> </u>	T2-T3	T2-T3 0		10 MINUTES Polarization Index		0 m ohm 0					L3 L3			
ł	REMARKS FAILED			WINDING TEMP.			C _o	ABM. TE	MP.	C°	L4 L5	L5		
	•		REMARKS	REMARKS:		FAILED				1	L6	L6		
A2.			AL TEST (MICRO-AMPS) 00V T-G@1000V			T-G@1500V T-G@2000V					W/O LOAD (AMPS.			
		T-G@500V	1-G@1000	JV		1-G@1500V	1-G@2000V			Pri. (Volts)	Sec. (Volts)	Pri. (Amps)	(Amps.)	
ŀ	T1 TRIP							L1 L2					+	
ł	T3				-+			L3					+	
<u> </u>	REMARKS FAILED													
A3. SURGE TEST/COMPARISON TEST:								VOLTAGE	E INPUT: 1	500				
	PHASE					PHASE								
1	1-2 1-3 2-3 TUR				N TO TURN SHORT					1-2 1-3	2-3 COMPL	ETE GROUND		
	x x x COIL				OIL TO COIL SHORT							L GROUND		
						L CONNECTION	N					TO PHASE SHORT		
						I COIL CONNECTION NG BETWEEN THE WINDINGS OR PHASES					GOOD	WINDING		
Remarks: FAILED> For Rewind For Recon											on			
RECOMMENDATION:														
NOT	E:													
B. AFT	B. AFTER RECONDITION/REWINDING B1. WINDING RESISTANCE TEST			-	INSULATION RESISTANCE TEST (MEGA-OHMS)					TESTING W/O TESTING WITH LOAD			I OAD	
"	(OHMS)	0.0	TIME			T-G @500V		T-G @1000V		T-G @2000V	TESTING W/O LOAD (AMPS.)	TESTING WITH LOAD (AMPS.)		
	T1-T2/Pri	10.9		30 SECONDS							L1 - 2.7	L1 -		
1	T1-T3/Sec 11.1 T2-T3 11.1			1 MINUTE 10 MINUTES		1.21 m ohm					L2 - 2.8 L3 - 2.6	L2 -		
	12-13	1 11.1		Polarization Index		+					L3 - 2.0	L4		
1	REMARKS	PASSED		WINDING TEMP.		C°		ABM. TE	MP.	C°	L5	L5		
	1110	LI DOTENTIAL T	REMARKS	REMARKS: T (MICRO-AMPS)		FAILED		_		TEOTINO	L6	L6		
B2.	HIG	T-G@500V		T-G@1000V		T-G@1500V	T-G@2000V			Pri. (Volts)	W/O LOAD (AMPS. Sec. (Volts)	Pri. (Amps)	Sec	
1	T1	60	1 2 3 . 3 00			1002000		L1		,	()	· · · · · ·	Sec (Amps.)	
1	T2	60			\rightarrow			L1 L2					+	
1	Т3	60						L3		<u> </u>				
	REMARKS	PASSED	l l											
B3.	SURGE TEST	COMPARISON	IEST:					VOLTAGE	E INPUT: 1					
PHASE PHASE 1-2 1-3 2-3 1-2 1-3 2-3														
l i	TURN			TURN T	O TURN	SHORT				1-2 1-3		ETE GROUND		
				COIL TO	TO COIL SHORT						PARTIA	GROUND		
						ED COIL CONNECTION						HASE TO PHASE SHORT OOD WINDING		
OPEN COIL CONNECTION ARCING BETWEEN THE WINDINGS OR PHASES							х х	x GOOD \	אווטאואפ					
'	Remarks:	PASSED												
REC	OMMENDATION	N:												
NOT	E:				Ready for Installation and Test Load									
TE -	STED BY:				RECEIVED BY: Walter A. Opulencia									