

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : Yamaha

TAG ID: 1041

H.P. 4

K.W. N/A

AMP: 2

RPM: 1500

VOLTS: 220

PHASE: 3

HZ: 60

SR#

A. BEFORE RECONDITION

DATE:

A1.	WINDING RESISTANCE TEST (OHMS)		INSULATION RESISTANCE TEST (MEGA-OHMS)				TESTING W/O 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				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>1-2</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:			This is remark																																	
NOTE:			Thhis is note																																	
B. AFTER RECONDITION/REWINDING						DATE:																														
B1.	WINDING RESISTANCE TEST (OHMS)		INSULATION RESISTANCE TEST (MEGA-OHMS)				TESTING W/O 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	176 m ohm			L2	L2																												
	T2-T3	12.4	10 MINUTES	449 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	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:			This is a remark																																	
NOTE:			This is a note																																	
TESTED BY: RECEIVED BY: CERTIFIED BY: Walter A. Oplencia																																				