

CALAMBA ALLIED INDUSTRIAL CORPORATION

MOTOR TEST REPORT

BRAND/NAME : Yamaha

TAG ID: 1002

H.P. 4

K.W. N/A

AMP: 2

RPM: 1140

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

PHASE

1-2	1-3	2-3
x	x	x

TURN TO TURN SHORT
COIL TO COIL SHORT
REVERSED COIL CONNECTION
OPEN COIL CONNECTION
ARCING BETWEEN THE WINDINGS OR PHASES

Remarks: FAILED

PHASE

1-2	1-3	2-3

COMPLETE GROUND
PARTIAL GROUND
PHASE TO PHASE SHORT
GOOD WINDING

--> For Rewind For Recon

RECOMMENDATION:

This is sample remark

NOTE:

This is sample 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	12.7	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

PHASE

1-2	1-3	2-3

TURN TO TURN SHORT
COIL TO COIL SHORT
REVERSED COIL CONNECTION
OPEN COIL CONNECTION
ARCING BETWEEN THE WINDINGS OR PHASES

Remarks: PASSED

PHASE

1-2	1-3	2-3
x	x	x

COMPLETE GROUND
PARTIAL GROUND
PHASE TO PHASE SHORT
GOOD WINDING

RECOMMENDATION:

This is sample remark 2

NOTE:

This is sample note 2

TESTED BY:

RECEIVED BY:

CERTIFIED BY:
Walter A. Oplencia