SERVICE REPORT PREVENTIVE MAINTENANCE PRECISION AIR HANDLING UNIT (PAHU)

FORM	NO.

Tipe Form PM03

oka	asi : LT3	Model Unit :			Team Engineer List :			Date: 2024-07-28 03:22:12		
Cod	e unit :	No. Seri :						Start PM :		
Non	nor Unit :	Periode :				Close PM:				
CHI	ECKLIST TEAM BRIEFIN	NG								
NTENSIVE SAFETY BRIEFING TEAM ? OK ? NOT OK										
Α	Filter Section									
	Item Checked	Spec. Range / Cond. Std.	Actual	Checked	ltem (Checked	Spec	. Range	Actual Checked	
	1. Check/Replace filters	Clean or Dirty	Clean		5. Clean condensate pan		Clean or Dirty		Clean	
	2. Grille area	Ok or No	C	Dk	6. Clean trap in condensate drain		Clean or Dirty		Clean	
	unrestricted 3. Wipe section clean	Clean or Dirty	Cle			7. Check/Test filter-		or No	Ok	
	4. Coil clean	Clean or Dirty	Cle	ean	_	clog switch operation				
B Blower Section										
	Item Checked	Spec. Range /			Blower 2			wer 3	Keterangan	
	4 8 4 1 1 4 1 1	Cond. Std.	Before	After	Before	After	Before	After		
	1. Mounting bolts tight	Ok or No	OK	OK	OK	OK	OK	OK	OK	
	2. Fan-guard bolts tight	Ok or No	OK	OK	OK	OK	OK	OK	OK	
	3. Impeller spins freely	Ok or No	OK	OK	OK	OK	OK	OK	OK	
	4. Check/Test air sail switch	Ok or No	OK	OK	OK	OK	OK	OK	OK	
	5. Motor amp draw	FLA L1 = A	L1	L1	L1	L1	L1	L1	1	
	 Compare to 	FLA L2 = A	L2	L2	L2	L2	L2	L2	1	
	nameplateamps	FLA L3 = A	L3	L3	L3	L3	L3	L3	1	
	6. Check belt tension	OLNI.	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
	and	Ok or No								
	condition									
	condition 7. Check sheave/pulley	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
C									Ok	
C	7. Check sheave/pulley	Spec. Range /	Hea	ter 1	Hea	ater 2	Hea	ater 3		
С	7. Check sheave/pulley Reheat Item Checked	Spec. Range / Cond. Std.	Hea Before	ter 1 After	He: Before	ater 2 After	Hea Before	ater 3 After	Keterangan	
C	7. Check sheave/pulley Reheat	Spec. Range /	Hea Before	ter 1 After	Hea Before	ater 2 After	Hea Before	After 1	Keterangan	
C	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance	Spec. Range / Cond. Std.	Hea Before	ter 1 After	He: Before	ater 2 After	Hea Before	ater 3 After	Keterangan	
C	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements	Spec. Range / Cond. Std. FLA =A	Hea Before	ter 1 After	Hea Before	ater 2 After	Hea Before	After 1	Keterangan	
C	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance	Spec. Range / Cond. Std. FLA =A 18-22 ohm	Hea Before 1	ter 1 After 1	Hea Before	After 1	Hea Before	After 1	Keterangan 1	
C	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check	Spec. Range / Cond. Std. FLA =A 18-22 ohm Ok or No	Hea Before 1 1 Ok	ter 1 After 1 1 Ok	Head Before	After 1 1 Ok	Hea Before	After 1 1 Ok	Keterangan 1 1 Ok	
	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check TemperatureHeater 5. Check wire	Spec. Range / Cond. Std. FLA = A 18-22 ohm Ok or No max 90 ?C Ok or No	Hea Before 1 1 Ok 1	ter 1 After 1 Ok 1	Head Before 1 1 1 Ok 1	After 1 1 Ok 1	Before 1 1 Ok 1	After 1 1 Ok 11	Keterangan 1 1 Ok 1	
	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check Temperature Heater 5. Check wire connections	Spec. Range / Cond. Std. FLA = A 18-22 ohm Ok or No max 90 ?C Ok or No	Hea Before 1 1 Ok 1 Ok	ter 1 After 1 Ok 1	Head Before 1 1 Ok 1 Ok	After 1 1 Ok 1	Hea Before 1 1 Ok 1 Ok	After 1 1 Ok 11	Keterangan 1 1 Ok 1	
	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check TemperatureHeater 5. Check wire connections Steam Generating Hum	Spec. Range / Cond. Std. FLA =A 18-22 ohm Ok or No max 90 ?C Ok or No	Hea Before 1 1 Ok Ok Actual	ter 1 After 1 Ok 1 Ok	Head Before 1 1 Ok Ok Ok	After 2 After 1 1 Ok 1 Ok	Hea Before 1 1 Ok Ok Ok	Ok Ok Spec.	Keterangan 1 1 Ok 1 Ok	
	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check TemperatureHeater 5. Check wire connections Steam Generating Hum Item Checked	Spec. Range / Cond. Std. FLA =A 18-22 ohm Ok or No max 90 ?C Ok or No idifier Spec. Range	Hea Before 1 1 Ok Ok Actual	Ok Ok Checked	Head Before 1 1 Ok 1 Ok 4. Check hose 5. Clean s	Ok Ok Other Checker Condition of	Hea Before 1 1 Ok Ok Ok of steam	Ok Ok Spec. Range	Keterangan 1 1 Ok Ok Actual Checked	
	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check Temperature Heater 5. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap for damage/clogs/leaks 3. Check water fill valve and all supply lines/connection for	Spec. Range / Cond. Std. FLA =	Hea Before 1 1 Ok Ok Actual	Ok Ok	Head Before 1 1 Ok 1 Ok 4. Check hose 5. Clean s	Ok Ok Ok Ochorological	Hea Before 1 1 Ok Ok Ok of steam	Ok Ok Spec. Range Ok or No	Keterangan 1 1 Ok Ok Actual Checked Clean	
D	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check TemperatureHeater 5. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap for damage/clogs/leaks 3. Check water fill valve and all supply	Spec. Range / Cond. Std. FLA =	Hea Before 1 1 Ok Ok Actual	Ok Ok Checked	Head Before 1 1 Ok 1 Ok 4. Check hose 5. Clean s (Boiler tank)	Ok Ok Other	Hea Before 1 1 Ok Ok Ok ottle	Ok Ok or No	Keterangan 1 1 Ok Ok 1 Ok Actual Checked Clean Clean	

1. Check fuses		Checked Before After			Keterangan	
1. Check fuses	Cond. Std.					
	Ok or No	Ok	Ok			Ok
2. Check contactors for		Ok		Ok		Ok
pitting (Replace if pitted)	Ok or No	OK OK			o	
3. Check/Re-torque wire				01		01
•	Ok or No	Ok Ok			Ok	
connections	0.0.0.0					
Electrical Panel						
liana Olasalas I	Spec. Range /		Ac	tual		16.1
Item Checked	Cond. Std.		Checked			Keterangan
		Before	After			
4. Voltage Line to						1
Neutral	220 + 10%	L1/L2/L3 =	V	L1/L2/L3 =	V	
Ground						
5. Voltage Line to Line		L1L2/L2L3/L1L3 =	V	L1L2/L2L3/L1L3 =	\/	1
	380 + 10%	L1L2/L2L3/L1L3 =	V			
6. Frequency	50 + 10%	F =	Hz	F =	Hz	111
Controls						
Item Checked	Spec. Range /	Actual Checked		tem Checked	Spec.	Actual Checked
item Checked	Cond. Std.	Actual Checked		tem Checked	Range	Actual Checked
1. Check/Verify		Ok		est water-detection		Ok
controloperation	Ok or No		device		Ok or No	
<u> </u>	1	Ok				Ok
2. Check/Test		"		est CAN connection	01	O.K
changeoverdevice	Ok or No			ndoor and outdoor	Ok or No	
Obile d Water			units	units		
Chiled Water						
Item Checked	Spec. Range	Actual Checked	Item Checked		Spec. Range	Actual Checked
1. Check Water	?C	1	5 Check	Valve in & Out	Range	
Temperature / Pressure	Psi	1	5. Check Valve in & Out Chilled		Ok or No	
In				Water (No Corrosion, No		
			Leaks)			
2. Check Temperature /	?C	1			Clean	Clean asd
Pressure Out	Psi		6. Clean outside valve & Pipe		or	
					Dirty	
		Ok			Clean	Ok
3. Clean Pressure gauge			7. Clean Strainer		or	
3. Clean Pressure gauge &	Clean or Dirty		1			
&	Clean or Dirty					
& Temperature Gauge	j	Clean	8. Check F	Pipe Insulation	Dirty	Clean
& Temperature Gauge 4. Check motorize valve	Clean or Dirty Ok or No	Clean	8. Check F	Pipe Insulation		Clean
& Temperature Gauge 4. Check motorize valve General Function	j	Clean	8. Check F	Pipe Insulation	Dirty Ok or No	
& Temperature Gauge 4. Check motorize valve	j	Clean Actual Checked		Pipe Insulation	Dirty Ok or No Spec.	
& Temperature Gauge 4. Check motorize valve General Function Item Checked	Ok or No	Actual Checked	It	tem Checked	Dirty Ok or No Spec. Range	Actual Checked
& Temperature Gauge 4. Check motorize valve General Function Item Checked 1. Cooling Test	Ok or No Spec. Range Ok or No	Actual Checked	lı 4. Dehumi	tem Checked	Dirty Ok or No Spec. Range Ok or No	Actual Checked
& Temperature Gauge 4. Check motorize valve General Function Item Checked 1. Cooling Test 2. Heating Test	Ok or No Spec. Range Ok or No Ok or No	Actual Checked &Ok	It	tem Checked	Dirty Ok or No Spec. Range	Actual Checked
& Temperature Gauge 4. Check motorize valve General Function Item Checked 1. Cooling Test 2. Heating Test 3. Humidification Test	Ok or No Spec. Range Ok or No	Actual Checked	lı 4. Dehumi	tem Checked	Dirty Ok or No Spec. Range Ok or No	Actual Checked
& Temperature Gauge 4. Check motorize valve General Function Item Checked 1. Cooling Test 2. Heating Test	Ok or No Spec. Range Ok or No Ok or No	Actual Checked &Ok	lı 4. Dehumi	tem Checked	Dirty Ok or No Spec. Range Ok or No Ok or No	Actual Checked
& Temperature Gauge 4. Check motorize valve General Function Item Checked 1. Cooling Test 2. Heating Test 3. Humidification Test	Ok or No Spec. Range Ok or No Ok or No Ok or No	Actual Checked &Ok	4. Dehumi 5. Alarm T	tem Checked	Dirty Ok or No Spec. Range Ok or No Ok or No Spec.	Actual Checked
& Temperature Gauge 4. Check motorize valve General Function Item Checked 1. Cooling Test 2. Heating Test 3. Humidification Test Room Condition Item Checked	Ok or No Spec. Range Ok or No Ok or No	Actual Checked &Ok Ok Ok	4. Dehumi 5. Alarm T	tem Checked dification Test est	Dirty Ok or No Spec. Range Ok or No Ok or No Spec. Range	Ok Ok;
& Temperature Gauge 4. Check motorize valve General Function Item Checked 1. Cooling Test 2. Heating Test 3. Humidification Test Room Condition	Ok or No Spec. Range Ok or No Ok or No Ok or No	Actual Checked &Ok Ok Ok	4. Dehumi 5. Alarm T	tem Checked dification Test est	Dirty Ok or No Spec. Range Ok or No Ok or No Spec.	Ok Ok;

Actual

Spec. Range /

JOB COMPLETED ? ? YES	? NO, please check on NOTES	RUNNING HOURS :
Approved by	Verified By	Service By
ISS,	Supervisor,	Team Leader/Staf,
()	()	()
No. HP.	No. HP.	()
110.111.	INO. III .	No. HP.

Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor