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	ean	7. Check/Test filter- clog switch		Ok or No		Ok
	4. Coil clean	Clean or Dirty	Cle	ean	operation				
B Blower Section									
	Item Checked	Spec. Range /		wer 1	_	wer 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.	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 1 1 Ok 1 Ok	Hea Before 1 1 Ok Ok Ok	oter 3 After 1 Ok 11 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

Item Checked	Spec. Range /		Keterangan			
	Cond. Std.	Before		cked After		
1. Check fuses	Ok or No	Ok		Ok		Ok
2. Check contactors for pitting (Replace if pitted)	Ok or No	Ok		Ok		Ok
3. Check/Re-torque wire connections	Ok or No	Ok		Ok	,	Ok
Electrical Panel						
Item Checked	Spec. Range / Cond. Std.	/ Actual Checked				Keterangan
	Cona. Gta.	Before	After			
4. Voltage Line to Neutral	220 + 10%	L1/L2/L3 =	V	L1/L2/L3 =	V	1
Ground						
5. Voltage Line to Line	380 + 10%	L1L2/L2L3/L1L3 =	V	L1L2/L2L3/L1L3 =	V	1
6. Frequency	50 + 10%	F =	Hz	F =	Hz	111
Controls						
Item Checked	Spec. Range / Cond. Std.	Actual Checked		tem Checked	Spec. Range	Actual Checked
1. Check/Verify control operation	Ok or No	Ok	3. Check/T device	est water-detection	Ok or No	Ok
2. Check/Test changeoverdevice	Ok or No	Ok	4. Check/Test CAN connection between indoor and outdoor units		Ok or No	Ok
Chiled Water						
Item Checked	Spec. Range	Actual Checked	li	tem Checked	Spec. Range	Actual Checked
1. Check Water Temperature / Pressure In	?C Psi	1	5. Check Valve in & Out Chilled Water (No Corrosion, No Leaks) 6. Clean outside valve & Pipe 7. Clean Strainer		Ok or No	Ok
2. Check Temperature / Pressure Out	?C Psi	1			Clean or Dirty	Clean
3. Clean Pressure gauge &	Clean or Dirty	Clean			Clean or	Clean
Temperature Gauge	0, 1,				Dirty	
4. Check motorize valve	Ok or No	Ok	8. Check F	Pipe Insulation	Ok or No	Ok
General Function Item Checked	Spec. Range	Actual Checked	li	tem Checked	Spec. Range	Actual Checked
1. Cooling Test	Ok or No	&Ok	4. Dehumi	dification Test	Ok or No	Ok
2. Heating Test	Ok or No	Ok	5. Alarm T		Ok or No	Ok;
3. Humidification Test	Ok or No	Ok				
Room Condition						
Item Checked	Spec. Range	Actual Checked		tem Checked	Spec. Range	Actual Checked
1. Temperature	1	1	2. Humidit	у	1%	1
		NOT	ES			
3. Humidification Test Room Condition	Ok or No Spec. Range	Ok Actual Checked	l: 2. Humidit	tem Checked	Spec. Range	Actual Cho

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