SERVICE REPORT PREVENTIVE MAINTENANCE
PRECISION AIR HANDLING UNIT (PAHU)

FORM NO.

Tipe Form PM03

Lokasi : LT3	Model Unit :	Team Engineer List :	Date : 2024-07-28 03:22:12
Code unit :	No. Seri :		Start PM :
Nomor Unit :	Periode :		Close PM :

CHECKLIST TEAM BRIEFING

INTENSIVE SAFETY BRIEFING TEAM ? OK ? NOT OK

A Filter Section

Item Checked	Spec. Range / Cond. Std.	Actual Checked	Item Checked	Spec. Range	Actual Checked
1. Check/Replace filters	Clean or Dirty	Clean	5. Clean condensate pan	Clean or Dirty	Clean
2. Grille area unrestricted	Ok or No	Ok	6. Clean trap in condensate drain	Clean or Dirty	Clean
3. Wipe section clean	Clean or Dirty	Clean	7. Check/Test filter-clog switch operation	Ok or No	Ok
4. Coil clean	Clean or Dirty	Clean			

B Blower Section

Item Checked	Spec. Range / Cond. Std.	Blower 1		Blower 2		Blower 3		Keterangan
		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 • Compare to nameplateamps	FLA L1 =..... A	L1	L1	L1	L1	L1	L1	1
	FLA L2 =..... A	L2	L2	L2	L2	L2	L2	1
	FLA L3 =..... A	L3	L3	L3	L3	L3	L3	1
6. Check belt tension and condition	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
7. Check sheave/pulley	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok

C Reheat

Item Checked	Spec. Range / Cond. Std.	Heater 1		Heater 2		Heater 3		Keterangan
		Before	After	Before	After	Before	After	
1. Reheat amp draw	FLA =..... A	1	1	1	1	1	1	1
2. Check Heater Resistance	18-22 ohm	1	1	1	1	1	1	1
3. Inspect elements	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
4. Check TemperatureHeater	max 90 ?C	1	1	1	1	1	11	1
5. Check wire connections	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok

D Steam Generating Humidifier

Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range	Actual Checked
1. Humidifier amp draw	…… A	1	4. Check condition of steam hose	Ok or No	Clean
2. Check drain valve/drain lines/trap for damage/clogs/leaks	Ok or No	Ok	5. Clean strainer	Ok or No	Clean
3. Check water fill valve and all supply lines/connection for leaks	Ok or No	Clean	6. Check humidifier bottle (Boiler tank)	Ok or No	Clean
			7. Check operation of humidifier	Ok or No	Ok

E Electrical Panel

	Item Checked	Spec. Range / Cond. Std.	Actual Checked		Keterangan
			Before	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

E Electrical Panel

	Item Checked	Spec. Range / Cond. Std.	Actual Checked		Keterangan
			Before	After	
	4. Voltage Line to Neutral Ground	220 + 10%	L1/L2/L3 =..... V	L1/L2/L3 =..... V	1
	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

F Controls

	Item Checked	Spec. Range / Cond. Std.	Actual Checked	Item Checked	Spec. Range	Actual Checked
	1. Check/Verify control operation	Ok or No	Ok	3. Check/Test water-detection device	Ok or No	Ok
	2. Check/Test changeover device	Ok or No	Ok	4. Check/Test CAN connection between indoor and outdoor units	Ok or No	Ok

G Chiled Water

	Item Checked	Spec. Range	Actual Checked	Item 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)	Ok or No	Ok
	2. Check Temperature / Pressure Out	……..... ?C …..…... Psi	1	6. Clean outside valve & Pipe	Clean or Dirty	Clean
	3. Clean Pressure gauge & Temperature Gauge	Clean or Dirty	Clean	7. Clean Strainer	Clean or Dirty	Clean
	4. Check motorize valve	Ok or No	Ok	8. Check Pipe Insulation	Ok or No	Ok

H General Function

	Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range	Actual Checked
	1. Cooling Test	Ok or No	&Ok	4. Dehumidification Test	Ok or No	Ok
	2. Heating Test	Ok or No	Ok	5. Alarm Test	Ok or No	Ok ;
	3. Humidification Test	Ok or No	Ok			

I Room Condition

	Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range	Actual Checked
	1. Temperature	……..... ?C	1	2. Humidity	…..... %	1

NOTES

Temuan :

Rekomendasi :

RESUME

JOB COMPLETED ? ? YES	? NO, please check on NOTES	RUNNING HOURS :

APPROVAL SIGNING		
Approved by	**Verified By**	**Service By**
ISS,	Supervisor,	Team Leader/Staf,
()	()	()
No. HP.	No. HP.	No. HP.

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