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	FLA L1 =........ A	L1	L1	L1	L1	L1	L1	Ok
• Compare to nameplate amps	FLA L2 =........ A	L2	L2	L2	L2	L2	L2	Ok
	FLA L3 =........ A	L3	L3	L3	L3	L3	L3	Ok
6. Check belt tension and condition	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
7. Check sheave/pulley	Ok or No	1	1	1	1	1	1	1

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	Ok	Ok	Ok	Ok	Ok	Ok	Ok
3. Inspect elements	Ok or No	1	1	1	1	1	11	1
4. Check Temperature Heater	max 90 ?C	Ok	Ok	Ok	Ok	Ok	Ok	Ok
5. Check wire connections	Ok or No	1	Ok	Clean	Clean	Clean	Clean	Ok

D Steam Generating Humidifier

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

E Electrical Panel

Item Checked	Spec. Range / Cond. Std.	Actual Checked		Keterangan
		Before	**After**	
1. Check fuses	Ok or No			
2. Check contactors for pitting (Replace if pitted)	Ok or No			
3. Check/Re-torque wire connections	Ok or No			

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	
5. Voltage Line to Line	380 + 10%	L1L2/L2L3/L1L3 =.......................... V	L1L2/L2L3/L1L3 =.......................... V	
6. Frequency	50 + 10%	F =.................................... Hz	F =.................................... Hz	

F Controls

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

G Chiled Water

Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range	Actual Checked
1. Check Water Temperature / Pressure In	……..... ?C ….…….. Psi		5. Check Valve in & Out Chilled Water (No Corrosion, No Leaks)	Ok or No	
2. Check Temperature / Pressure Out	……..... ?C ….…….. Psi		6. Clean outside valve & Pipe	Clean or Dirty	
3. Clean Pressure gauge & Temperature Gauge	Clean or Dirty		7. Clean Strainer	Clean or Dirty	
4. Check motorize valve	Ok or No		8. Check Pipe Insulation	Ok or No	

H General Function

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

I Room Condition

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

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