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 : 2	No. Seri : 2		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 Before	Blower 1 After	Blower 2 Before	Blower 2 After	Blower 3 Before	Blower 3 After	Keterangan
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 nameplate amps	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 Before	Heater 1 After	Heater 2 Before	Heater 2 After	Heater 3 Before	Heater 3 After	Keterangan
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 Temperature Heater	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	1 C	1	2. Humidity	1%	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