SERVICE REPORT PREVENTIVE MAINTENANCE
PRECISION AIR HANDLING UNIT (PAHU)

FORM NO.

Tipe Form PM03

Lokasi :	Model Unit :	Team Engineer List :	Date :
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		5. Clean condensate pan	Clean or Dirty	
2. Grille area unrestricted	Ok or No		6. Clean trap in condensate drain	Clean or Dirty	
3. Wipe section clean	Clean or Dirty		7. Check/Test filter-clog switch operation	Ok or No	
4. Coil clean	Clean or Dirty				

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							
2. Fan-guard bolts tight	Ok or No							
3. Impeller spins freely	Ok or No							
4. Check/Test air sail switch	Ok or No							
5. Motor amp draw	FLA L1 =........ A	L1	L1	L1	L1	L1	L1	
• Compare to	FLA L2 =........ A	L2	L2	L2	L2	L2	L2	
nameplate amps	FLA L3 =........ A	L3	L3	L3	L3	L3	L3	
6. Check belt tension and condition	Ok or No							
7. Check sheave/pulley	Ok or No							

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							
2. Check Heater Resistance	18-22 ohm							
3. Inspect elements	Ok or No							
4. Check Temperature Heater	max 90 ?C							
5. Check wire connections	Ok or No							

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	
		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
1. Check/Verify control operation	Ok or No		3. Check/Test water-detection device	Ok
2. Check/Test changeover device	Ok or No		4. Check/Test CAN connection between indoor and outdoor units	Ok

G Chiled Water

Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range
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 Dirty
3. Clean Pressure gauge & Temperature Gauge	Clean or Dirty		7. Clean Strainer	Clean Dirty
4. Check motorize valve	Ok or No		8. Check Pipe Insulation	Ok

H General Function

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

I Room Condition

Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range
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
ISS,	Supervisor,
()	()
No. HP.	No. HP.

No.

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