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 :	1			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-		Ok or No		Ok
	4. Coil clean			_	clog switch OK operation				
B Blower Section									
	Item Checked	Spec. Range /			_	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. FLA =A	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 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

1. Check fuses 2. Check contactors for pitting (Replace if pitted) 3. Check/Re-torque wire connections E Electrical Panel Item Checked 4. Voltage Line to Neutral Ground 5. Voltage Line to Line 6. Frequency F Controls Item Checked 1. Check/Verify controloperation 2. Check/Test changeover device G Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Temperature Gauge 4. Check motorize valve H General Function	ond. Std. Ok or No Oc. Range / Ond. Std. Oc. Range / Ond. Std. Ok or No Ok or No Ok or No	Before L1/L2/L3 = L1L2/L2L3/L1L3 = F =	Ac Che V Hz It 3. Check/T device	After Ok Ok Ok Ok Ok Ok **Comparison of the color of the co	V	Ok Ok Ok Keterangan 1 1 Actual Checked
2. Check contactors for pitting (Replace if pitted) 3. Check/Re-torque wire connections Electrical Panel Item Checked 4. Voltage Line to Neutral Ground 5. Voltage Line to Line 6. Frequency Controls Item Checked 1. Check/Verify control operation 2. Check/Test changeover device Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge 8. Temperature Gauge 4. Check motorize valve 4. General Function	k or No c. Range / ond. Std. 20 + 10% 0 + 10% c. Range / ond. Std. Ok or No	Ok Ok Ok Before L1/L2/L3 = L1/L2/L3/L1L3 = F = Actual Checked Ok	CheVVVHzHzHz	Ok Ok Ok tual cked After L1/L2/L3 =	V Hz	Ok Ok Keterangan 1 1 Actual Checked
pitting (Replace if pitted) 3. Check/Re-torque wire connections Electrical Panel Item Checked 4. Voltage Line to Neutral Ground 5. Voltage Line to Line 6. Frequency Controls Item Checked 1. Check/Verify control operation 2. Check/Test changeover device Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Gut 3. Clean Pressure gauge 8. Temperature Gauge 4. Check motorize valve General Function	c. Range / ond. Std. 20 + 10% 0 + 10% c. Range / ond. Std. Dk or No	Before L1/L2/L3 = L1L2/L2L3/L1L3 = F = Actual Checked Ok	CheVVVHzHzHz	Ok tual cked After L1/L2/L3 =	V Hz	Keterangan 1 1 1 111 Actual Checked
Item Checked 4. Voltage Line to Neutral Ground 5. Voltage Line to Line 6. Frequency 1. Check/Verify control operation 2. Check/Test changeover device 1. Check Water Item Checked 5. Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge 8. Temperature Gauge 4. Check motorize valve General Function	c. Range / ond. Std. 20 + 10% 30 + 10% 0 + 10% c. Range / ond. Std. Ok or No	Before	CheVVVHzHzHz	tual cked After L1/L2/L3 = L1L2/L2L3/L1L3 = F =	V Hz	Keterangan 1 1 1 Actual Checked
Item Checked	20 + 10% 30 + 10% 0 + 10% c. Range / ond. Std. Ok or No	Before	CheVVVHzHzHz	L1/L2/L3 = L1/L2/L3 = F = tem Checked	V Hz	1 111 Actual Checked
Item Checked	20 + 10% 30 + 10% 0 + 10% c. Range / ond. Std. Ok or No	Before	CheVVVHzHzHz	L1/L2/L3 = L1/L2/L3 = F = tem Checked	V Hz	1 111 Actual Checked
4. Voltage Line to Neutral Ground 5. Voltage Line to Line 6. Frequency Controls Item Checked 1. Check/Verify controloperation 2. Check/Test changeoverdevice Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Temperature Gauge 4. Check motorize valve General Function	20 + 10% 30 + 10% 0 + 10% c. Range / ond. Std. Ok or No	L1/L2/L3 = L1L2/L2L3/L1L3 = F = Actual Checked Ok	V Hz It 3. Check/T device	L1/L2/L3 = L1L2/L2L3/L1L3 = F =	V Hz	1 111 Actual Checked
Neutral Ground 5. Voltage Line to Line 6. Frequency 5. Controls Item Checked 1. Check/Verify control operation 2. Check/Test changeover device 5. Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Temperature Gauge 4. Check motorize valve General Function	80 + 10% 0 + 10% c. Range / ond. Std. Ok or No	L1L2/L2L3/L1L3 = F = Actual Checked Ok	V Hz It 3. Check/T device	L1L2/L2L3/L1L3 = F =	V Hz	1 111 Actual Checked
5. Voltage Line to Line 6. Frequency 5. Controls Item Checked 1. Check/Verify control operation 2. Check/Test changeover device Chiled Water Item Checked 5. Special Control operation Chiled Water Item Checked 5. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge 8. Temperature Gauge 4. Check motorize valve General Function	0 + 10% c. Range / ond. Std. Ok or No Ok or No	Actual Checked Ok	3. Check/T device	F =	Hz	Actual Checked
6. Frequency 6. Frequency 7. Controls 1. Check/Verify controloperation 2. Check/Test changeover device 7. Chiled Water 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Temperature Gauge 4. Check motorize valve General Function	0 + 10% c. Range / ond. Std. Ok or No Ok or No	Actual Checked Ok	3. Check/T device	F =	Hz	Actual Checked
Item Checked 1. Check/Verify control operation 2. Check/Test changeover device Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Cleat Temperature Gauge 4. Check motorize valve General Function	c. Range / ond. Std. Ok or No	Actual Checked Ok	3. Check/T device	tem Checked	Spec.	Actual Checked
Item Checked 1. Check/Verify control operation 2. Check/Test changeover device Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Temperature Gauge 4. Check motorize valve General Function	Ok or No	Ok	3. Check/T device			
1. Check/Verify control operation 2. Check/Test change over device Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Temperature Gauge 4. Check motorize valve General Function	Ok or No	Ok	3. Check/T device			
2. Check/Test changeover device Chiled Water Item Checked 1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Cleat Temperature Gauge 4. Check motorize valve General Function	Ok or No		device	est water-detection		
changeover device Chiled Water Item Checked Spect Check Water Temperature / Pressure In Check Temperature / Pressure Out Clear Temperature Gauge Clear Check motorize valve General Function		Ok	A Che-1-7		Ok or No	Ok
1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Temperature Gauge 4. Check motorize valve General Function	o Panas		4. Check/Test CAN connection between indoor and outdoor units		Ok or No	Ok
1. Check Water Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Temperature Gauge 4. Check motorize valve General Function	o Donas		_			
Temperature / Pressure In 2. Check Temperature / Pressure Out 3. Clean Pressure gauge & Cleat Temperature Gauge 4. Check motorize valve Out General Function		Actual Checked	If	tem Checked	Spec. Range	Actual Checked
3. Clean Pressure gauge & Clean Temperature Gauge 4. Check motorize valve O General Function	?C Psi	1	5. Check Valve in & Out Chilled Water (No Corrosion, No Leaks) 6. Clean outside valve & Pipe		Ok or No	Ok
& Clear Temperature Gauge 4. Check motorize valve O General Function	?C Psi	1			Clean or Dirty	Clean
4. Check motorize valve O General Function	an or Dirty	Clean	7. Clean S	7. Clean Strainer		Clean
General Function					Dirty Ok or No	
	k or No	Ok	8. Check F	8. Check Pipe Insulation		Ok
Item Checked Spec	c. Range	Actual Checked	li li	tem Checked	Spec.	Actual Checked
· .	Ok or No	&Ok	4. Dehumi	dification Test	Range Ok or No	Ok
	Ok or No	Ok	5. Alarm T		Ok or No	Ok;
	Ok or No	Ok		===	J. G. 140	ОК,
Room Condition						
	c. Range	Actual Checked	lt	tem Checked	Spec. Range	Actual Checked
1. Temperature	?C	1	2. Humidit	у	%	1
		NOT	ΓES			
emuan :						
ekomendasi :						
RESUME						

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