SERVICE REPORT PREVENTIVE MAINTENANCE PRECISION AIR HANDLING UNIT (PAHU)

FORM	NO.

Tipe Form PM03

oka	: LT3 Model Unit : Team Engineer List :			Date: 2024-07-28 03:22:12					
Code unit: 2		No. Seri : 2						Start PM:	
Nom	nor Unit :	Periode :		1			Close PM	:	
CHI	ECKLIST TEAM BRIEFIN	NG							
NTENSIVE SAFETY BRIEFING TEAM ? OK ? NOT OK									
A	Filter Section								
		Spec. Range /	A -41	Charles	14	Charles	0	Down are	Actual Observation
ļ	Item Checked	Cond. Std.	Actual	Checked		Checked	Spec	. Range	Actual Checked
	1. Check/Replace filters	pan				or Dirty	Clean		
ļ	-			ran in	Clean or Dirty		G!		
	2. Grille area	Ok or No		JK.	clog switch		Clean or Dirty		Clean
ļ	unrestricted						_		
	3. Wipe section clean	Clean or Dirty	Cle	ean			Ok	or No	Ok
Ì	4. Coil clean	Clean or Dirty	Cle	ean			OK OF NO		
B	Blower Section				operation				
		Spec. Range / Blower 1		Blo	Blower 2 Bl		wer 3	We's	
	Item Checked	Cond. Std.	Before	After	Before	After	Before	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
Į	3. Impeller spins freely	Ok or No	OK	OK	OK	OK	OK	OK	OK
	4. Check/Test air sail	Ok or No	OK	OK	OK	OK	OK	OK	OK
ļ	switch								
	5. Motor amp draw	FLA L1 = A		L1	L1	L1	L1	L1	1
	Compare to	FLA L2 = A		L2	L2	L2	L2	L2	1
ŀ	nameplateamps	FLA L3 = A		L3	L3	L3	L3	L3	1
	6. Check belt tension	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	and	-		1		1			
	7 Check sheave/pulley	Ok or No	Οŀ	Olz	Olz	Oh	Olz	Ob	Oh
	7. Check sheave/pulley	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	7. Check sheave/pulley Reheat	Ok or No Spec. Range /		Ok ter 1		Ok		Ok	
	7. Check sheave/pulley					ı			Ok Keterangan
	7. Check sheave/pulley Reheat	Spec. Range /	Hea	ter 1	Hea	ater 2	Hea	iter 3	
	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
	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater	Spec. Range / Cond. Std. FLA = A	Hea Before	ter 1 After	Hea Before	ater 2 After	Hea Before	After 1	Keterangan
	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance	Spec. Range / Cond. Std. FLA =A 18-22 ohm Ok or No	Hea Before	ter 1 After 1	Hea Before	After 1	Hea Before	After 1	Keterangan 1
	7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements	Spec. Range / Cond. Std. FLA = A 18-22 ohm	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	Spec. Range / Cond. Std. FLA = A 18-22 ohm Ok or No max 90 ?C	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 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	ter 1 After 1 Ok 1	Head Before 1 1 1 Ok 1	After 1 1 Ok 1	Hea Before 1 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	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	Hea Before 1 1 Ok	After 1 1 Ok 11 Ok	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	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	otter 3 After 1 Ok 11 Ok Spec.	Keterangan 1 1 Ok 1
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	Spec. Range / Cond. Std. FLA =	Hea Before 1 1 Ok Ok Actual	ter 1 After 1 Ok 1 Ok	Head Before 1 1 Ok 1 Ok	After 1 1 Ok 1 Ok	Head Before 1 1 Ok 1 Ok 1	After 1 1 Ok 11 Ok	Keterangan 1 1 Ok Ok Ok
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	Spec. Range / Cond. Std. FLA =	Hea Before 1 1 Ok Ok Actual	ter 1 After 1 Ok 1 Ok Checked	Head Before 1 1 Ok 1 Ok 4. Check	Ok Ok Ok Ochorological	Head Before 1 1 Ok 1 Ok 1	oter 3 After 1 Ok 11 Ok Spec. Range	Keterangan 1 1 Ok Ok Actual Checked
D	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 = A 18-22 ohm Ok or No max 90 ?C Ok or No idifier Spec. Range A	Hea Before 1 1 Ok Ok Actual	ter 1 After 1 Ok 1 Ok Checked	Head Before 1 1 Ok 1 Ok 4. Check hose 5. Clean s 6. Check (Boiler tank)	Ok Ok Other	Hea Before 1 1 Ok Ok Ok ottle	ok 11 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 = A 18-22 ohm Ok or No max 90 ?C Ok or No idifier Spec. Range A	Hea Before 1 1 Ok Ok Actual	ter 1 After 1 Ok Ok Checked	Head Before 1 1 Ok 1 Ok 4. Check hose 5. Clean s 6. Check (Boiler tank)	Ok Ok Other	Hea Before 1 1 Ok Ok Ok ottle	Ok Spec. Range Ok or No	Keterangan 1 1 Ok Ok Ok Actual Checked Clean Clean

1. Check fuses	Spec. Range / Cond. Std.				Keterangan	
1. Check fuses	Cond. Std.	Before After				
	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		Ok		Ok
Electrical Panel		<u> </u>				
	Spec. Range / Actual					
Item Checked	Cond. Std.	Checked			Keterangan	
		Before After				
4. Voltage Line to	220 + 10%				\ /	1
Neutral	220 : 1070	L1/L2/L3 =	V L1/L2/L3 =		V	
Ground	 					
5. Voltage Line to Line	380 + 10%	L1L2/L2L3/L1L3 =		L1L2/L2L3/L1L3 =		1
6. Frequency	50 + 10%	F =	Hz	F =	Hz	111
F Controls	Cross Borres				Cura	
Item Checked	Spec. Range / Cond. Std.	Actual Checked Ok		tem Checked	Spec. Range	Actual Checked
1. Check/Verify control operation	Ok or No	-	device	est water-detection	Ok or No	-
2. Check/Test changeover device	Ok or No	Ok		est CAN connection adoor and outdoor	Ok or No	Ok
G Chiled Water						
Item Checked	Spec. Range	Actual Checked		tem 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) 6. Clean outside valve & Pipe		Ok or No	Ok
2. Check Temperature / Pressure Out	?C	1			Clean or Dirty	Clean
3. Clean Pressure gauge & Temperature Gauge	Clean or Dirty	Clean	7. Clean Strainer		Clean or	Clean
4. Check motorize valve	Ok or No	Ok	8 Check F	Pipe Insulation	Dirty Ok or No	Ok
General Function	OK OF NO	OK .	o. Offeck i	ipe insulation	OK OI NO	Ok
Item Checked	Spec. Range	Actual Checked	Item Checked		Spec. Range	Actual Checked
	Ok or No	&Ok	4. Dehumi	dification Test	Ok or No	Ok
1. Cooling Test	Ok or No	Ok	5. Alarm Test		Ok or No	Ok;
2. Heating Test	+	0.11			.	он ,
2. Heating Test 3. Humidification Test	Ok or No	Ok				
2. Heating Test 3. Humidification Test	Ok or No			tem Checked	Spec.	
2. Heating Test 3. Humidification Test Room Condition	+	Ok		tem Checked		Actual Checked

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