SERVICE REPORT PREVENTIVE MAINTENANCE PRECISION AIR HANDLING UNIT (PAHU)

ORM	NO.

Tipe Form PM03

Lokasi : LT3 Model Un		Model Unit :	nit :			Team Engineer List :			Date: 2024-07-28 03:22:12	
Cod	e unit :	No. Seri :						Start PM:		
Nomor Unit : Periode :					7			Close PM:		
CHECKLIST TEAM BRIEFING										
NT	ENSIVE SAFETY BRIEFING	GTEAM?OK?	, NOL OK							
Α	Filter Section									
	Item Checked	Spec. Range / Cond. Std.	Actual	Checked	ltem (Checked	Spec	. Range	Actual Checked	
	1. Check/Replace filters	k/Replace filters Clean or Dirty Ok Ok or No cted Clean Ok or No Clean Ok Clean Ok Clean trap in condensate drain Condensate drain Clean Clean		ean	5. Clean condensate pan		Clean or Dirty		Clean	
	2. Grille area					Clean or Dirty Ok or No		Clean		
	3. Wipe section clean				Ok					
	4. Coil clean	Clean or Dirty	Cle	ean	clog switch operation		OK OF 110			
В	Blower Section									
	Item Checked	Spec. Range /	Blov	ver 1	Blo	wer 2	Blower 3		Keterangan	
	item oncored	Cond. Std.	Before	After	Before	After	Before	After	Reterangun	
	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	ОК	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		Ok	Ok	Ok	Ok	Ok	Ok	Ok	
	and	Ok or No								
	and condition	Ok or No								
		Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok	
	condition		Ok	Ok	Ok	Ok	Ok	Ok	Ok	
	condition 7. Check sheave/pulley Reheat	Ok or No Spec. Range /		Ok		Ok		Ok		
	condition 7. Check sheave/pulley	Ok or No							Ok Keterangan	
2	condition 7. Check sheave/pulley Reheat	Ok or No Spec. Range /	Hea	ter 1	Hea	ater 2	Hea	ter 3		
	condition 7. Check sheave/pulley Reheat Item Checked	Ok or No Spec. Range / Cond. Std.	Hea Before	ter 1 After	Hea Before	ater 2 After	Hea Before	iter 3 After	Keterangan	
	condition 7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater	Ok or No Spec. Range / Cond. Std. FLA =	Hear Before	ter 1 After	Hea Before	After	Hea Before	ter 3 After	Keterangan	
	condition 7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance	Ok or No Spec. Range / Cond. Std. FLA = A 18-22 ohm	Hea Before	ter 1 After 1	Hea Before	After 1	Hea Before	After 1	Keterangan 1	
	condition 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	Ok or No Spec. Range / Cond. Std. FLA =	Hear Before 1 1 Ok	ter 1 After 1 Ok	Hea Before	After 2 After 1 1 Ok	Hea Before 1 1 Ok	After 1 1 Ok	Keterangan 1 1 Ok	
D	condition 7. Check sheave/pulley Reheat Item Checked 1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check Temperature Heater	Ok or No Spec. Range / Cond. Std. FLA =A 18-22 ohm Ok or No max 90 ?C Ok or No	Hear Before 1 1 Ok	ter 1 After 1 Ok	Hea Before	After 2 After 1 1 Ok	Hea Before 1 1 Ok	After 1 1 Ok	Keterangan 1 1 Ok	
D D	condition 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	Ok or No 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	Hea Before 1 1 Ok 1	After 2 After 1 1 Ok	Hea Before 1 1 Ok 1	After 1 1 Ok	Keterangan 1 1 Ok	
D	condition 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	Ok or No Spec. Range / Cond. Std. FLA =	Hea Before 1 1 Ok 1	ter 1 After 1 Ok 1	Hea Before 1 1 Ok 1	After 2 After 1 1 Ok 1	Hea Before 1 1 Ok 1	ok 11 Spec.	Keterangan 1 1 Ok 1	
	condition 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	Ok or No Spec. Range / Cond. Std. FLA =	Hea Before 1 1 Ok 1	ter 1 After 1 Ok 1	Hea Before 1 1 Ok 1	Ok 1	Hea Before 1 1 Ok 1	oter 3 After 1 Ok 11 Spec. Range	Keterangan 1 1 Ok 1	
D	condition 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	Ok or No Spec. Range / Cond. Std. FLA =A 18-22 ohm Ok or No max 90 ?C Ok or No idifier Spec. RangeA	Hea Before 1 1 Ok 1	ter 1 After 1 Ok 1	Hea Before 1 1 Ok 1 4. Check hose 5. Clean s (Boiler	Ok 1	Hea Before 1 1 Ok 1	Ok 11 Spec. Range Ok or No	Keterangan 1 1 Ok 1	
	condition 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	Ok or No Spec. Range / Cond. Std. FLA = A 18-22 ohm Ok or No max 90 ?C Ok or No idiffer Spec. Range A	Hea Before 1 1 Ok 1	ter 1 After 1 Ok 1	Hea Before 1 Ok 1 4. Check hose 5. Clean s (Boiler tank)	oter 2 After 1 Ok 1 tem Checker condition of trainer numidifier becomes a compensation of the compen	Hea Before 1 Ok 1	Ok 11 Spec. Range Ok or No Ok or No	Keterangan 1 1 Ok 1	

	Item Checked	Spec. Range /	Actual Checked			Keterangan	
		Cond. Std.	Before	After			J
	1. Check fuses	Ok or No					
	2. Check contactors for	Oli an Na	,		,		
	pitting (Replace if pitted)	Ok or No					
	3. Check/Re-torque wire	Ok or No					
	connections	OK OF 140			ı		
Е	Electrical Panel						
	Item Checked	Spec. Range /			tual cked	Keterangan	
		Cond. Std.	Before	Cite	After		
	4. Voltage Line to		20.0.0		7 11001		
	Neutral	220 + 10%	L1/L2/L3 =	V	L1/L2/L3 =	V	
	Ground						
	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	00 / 10/0					
	Item Checked	Spec. Range / Cond. Std.	Actual Checked	Item Checked		Spec. Range	Actual Checked
	1. Check/Verify controloperation	Ok or No		3. Check/T device	est water-detection	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	It	tem Checked	Spec. Range	Actual Checked
	1. Check Water Temperature / Pressure In	?C Psi		Chilled	Valve in & Out o Corrosion, No	Ok or No	
	2. Check Temperature / Pressure Out	?C		6. Clean outside valve & Pipe		Clean	
	riessule Out	Psi				or Dirty	
	3. Clean Pressure gauge	G		7. Clean S	trainer	Clean	
	& Tamananatura Causa	Clean or Dirty		7. Olcan o	uamer	or	
	Temperature Gauge 4. Check motorize valve	Ok or No		0.05.55.5	Vine Institut	Dirty	
-	General Function	OK OF NO		8. Check Pipe Insula		Ok or No	
111	Item Checked	Spec. Range	Actual Checked	It	tem Checked	Spec. Range	Actual Checked
	1. Cooling Test	Ok or No		4. Dehumi	dification Test	Ok or No	
	2. Heating Test	Ok or No		5. Alarm T		Ok or No	
	3. Humidification Test	Ok or No					
	Room Condition						
	Item Checked	Spec. Range	Actual Checked		tem Checked	Spec. Range	Actual Checked
	1. Temperature	?C		2. Humidit	у	%	
			NOTI	ES			
Tem	uan :						
Rekomendasi : 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