SERVICE REPORT PREVENTIVE MAINTENANCE PRECISION AIR CONDITIONING (PAC) PT HM SAMPOERNA SUKOREIO

PT. HM SAMPOERNA SUKOREJO PLANT

Team Engineer List: tes

Date

: 2024-0

Model Unit:

Lokasi

: LT3

Code unit : 12		No. Seri }			Team Engi	aneer Ense i te		Start PM: 06:10
Code unit . 12		: 12						Start PW . 00.10
Nomor Unit: 83		Periode :						Close PM: 08:10
	DUDUNG							!
CHECKLIST TEAM B INTENSIVE SAFETY B						2	OK	
	Filter Section					!	UK	
A		Spec. Range /					Spec.	
	Item Checked	Cond. Std.	Actual	Checked	Item (Checked	Range	Actual Checked
			Clean		5. Clean co	ondensate	Clean or	Clean
	1. Check/Replace filters	Clean or Dirty			pan		Dirty	
	2. Grille area	OK /N . OK	Ok	1	6. Clean to	rap in	Clean or	Clean
	unrestricted	OK / Not OK			condensat	e drain	Dirty	
	3. Wipe section clean	Clean or Dirty	Clean	1	7. Check/T	Test filter.		Ok
	4. Coil clean	Clean or Dirty				h operation	Ok or No	
В	Blower Section	Clean of Birty			erogswiter	орегинон	ļ	
		Spec. Range /	Blo	wer 1	Blower 2		Blower 3	
	Item Checked	Cond. Std.	Before	After	Before	After	Before	After
	1. Mounting bolts tight	Ok or No	OK	OK	OK		OK	OK
	2. Fan-guard bolts tight	Ok or No	OK	OK	OK		OK	OK
	3. Impeller spins freely	Ok or No	OK	ОК	OK	OK	ОК	ОК
	4. Check/Test air sail		ОК	ОК	OK		ОК	ОК
	switch	Ok or No						
	5. Motor amp draw	FLA L1 =····	L1	L1	L1	L1	L1	L1
	Compare to nameplate	A						
	amps	FLA L2 =····	L2	L2	L2	L2	L2	L2
		A FLA L3 =····	L3	L3	L3	L3	L3	L3
		A						
	6. Check belt tension and	O1 N	Ok	Ok	Ok	Ok	Ok	Ok
	condition	Ok or No						
	7. Check sheave/pulley	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok
C	Reheat							
	Item Checked	Spec. Range /		ater 1		ater 2		ater 3
	Item Checked	Cond. Std.	Hea Before	ater 1 After	Hea Before	ater 2 After	Hea Before	ater 3 After
	Item Checked 1. Reheat amp draw	Cond. Std. FLA =						
	1. Reheat amp draw	Cond. Std.						
	Reheat amp draw Check Heater	Cond. Std. FLA =						
	1. Reheat amp draw 2. Check Heater Resistance	Cond. Std. FLA = A 18-22 ohm	Before 1	After 1	Before 1	After 1	Before 1	After 1
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements	Cond. Std. FLA = A 18-22 ohm Ok or No	Before 1 Ok	After 1 Ok	Before 1 1 Ok	After 1 Ok	Before 1 Ok	After 1 Ok
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire	Cond. Std. FLA = A 18-22 ohm Ok or No	Before 1	After 1	Before 1	After 1	Before 1	After 1
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections	Cond. Std. FLA = A 18-22 ohm Ok or No Ok or No	Before 1 Ok	After 1 Ok	Before 1 1 Ok	After 1 Ok	Before 1 Ok	After 1 Ok
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire	Cond. Std. FLA = A 18-22 ohm Ok or No Ok or No	Before 1 Ok	After 1 Ok	Before 1 1 Ok	After 1 Ok	Before 1 Ok	After 1 Ok Ok
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections	Cond. Std. FLA = A 18-22 ohm Ok or No Ok or No	Before 1 1 Ok Ok	After 1 Ok	Before 1 1 Ok Ok	After 1 Ok	Before 1 1 Ok Ok	After 1 Ok Ok Spec.
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No	Before 1 1 Ok Ok	After 1 Ok Ok	Before 1 Ok Ok	After 1 1 Ok Ok	Before 1 1 Ok Ok Ok	After 1 Ok Ok
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw	Cond. Std. FLA = A 18-22 ohm Ok or No Ok or No idiffer Spec. Range	Before 1 1 Ok Ok	After 1 Ok Ok	Before 1 Ok Ok	After 1 Ok Ok Ok Item Check	Before 1 1 Ok Ok Ok	After 1 Ok Ok Spec. Range
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain	Cond. Std. FLA = A 18-22 ohm Ok or No Ok or No idiffer Spec. Range	Before 1 1 Ok Ok	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check of hose	After 1 Ok Ok Ok Item Check condition of	Before 1 1 Ok Ok Ok	After 1 Ok Ok Spec. Range Ok or No
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap	Cond. Std. FLA = A 18-22 ohm Ok or No Ok or No idiffer Spec. Range	Before 1 1 Ok Ok 1 Actual	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check o	After 1 Ok Ok Ok Item Check condition of	Before 1 1 Ok Ok Ok	After 1 Ok Ok Spec. Range
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 1 Ok Ok Actual 1	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check o hose 5. Clean st	After 1 Ok Ok Ok Item Check condition of	Before 1 1 Ok Ok Steam	After 1 Ok Ok Spec. Range Ok or No
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 1 Ok Ok 1 Actual	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check o hose 5. Clean st	After 1 Ok Ok Ok Item Check condition of	Before 1 1 Ok Ok Steam	After 1 Ok Ok Spec. Range Ok or No
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 1 Ok Ok Actual 1	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check o hose 5. Clean st (Boiler	After 1 Ok Ok Ok Item Check condition of	Before 1 1 Ok Ok Steam	After 1 Ok Ok Ok Spec. Range Ok or No Ok or No
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 1 Ok Ok Actual 1	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Ok Item Check condition of	Before 1 1 1 Ok Ok Steam	After 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No
D	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 1 Ok Ok Actual 1	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Ok Item Check condition of	Before 1 1 1 Ok Ok Steam	After 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No
D E	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idiffer Spec. Range	Before 1 1 Ok Ok Actual 1	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Ok Item Check condition of trainer numidifier b	Before 1 1 Ok Ok ok ed steam ottle	After 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks Electrical Panel	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 1 Ok Ok Actual 1	After 1 1 Ok Ok Checked	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Ok Item Check condition of	Before 1 1 Ok Ok ok ed steam ottle	After 1 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No Ok or No
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks Electrical Panel Item Checked	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range A Ok or No Ok or No Spec. Range / Cond. Std.	Before 1 Ok Ok Ok Actual 1 Clean	After 1 Ok Ok	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Ok Item Check condition of trainer numidifier b operation of Actual C	Before 1 1 Ok Ok ok ed steam ottle	After 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks Electrical Panel Item Checked 1. Check fuses	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 Ok Ok Actual 1 Ok Clean	After 1 1 Ok Ok Checked	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Ok Item Check condition of trainer numidifier b operation of Actual C	Before 1 1 Ok Ok ok ed steam ottle	After 1 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No Ok or No
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks Electrical Panel Item Checked 1. Check fuses 2. Check contactors for	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 Ok Ok Ok Actual 1 Clean	After 1 1 Ok Ok Checked	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Ok Item Check condition of trainer numidifier b operation of Actual C	Before 1 1 Ok Ok ok ed steam ottle	After 1 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No Ok or No
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks Electrical Panel Item Checked 1. Check fuses 2. Check contactors for pitting (Replace if pitted)	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 Ok Ok Actual 1 Ok Clean Ok Ok	After 1 1 Ok Ok Checked	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Item Check condition of trainer numidifier b peration of Actual C Ok Ok	Before 1 1 Ok Ok ok ed steam ottle	After 1 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No Ok or No
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks Electrical Panel Item Checked 1. Check fuses 2. Check contactors for pitting (Replace if pitted) 2. Check contactors for	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idifier Spec. Range	Before 1 Ok Ok Actual 1 Ok Clean	After 1 1 Ok Ok Checked	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Ok Item Check condition of trainer numidifier b operation of Actual C	Before 1 1 Ok Ok ok ed steam ottle	After 1 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No Ok or No
E	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks Electrical Panel Item Checked 1. Check fuses 2. Check contactors for pitting (Replace if pitted)	Cond. Std. FLA = ····· A 18-22 ohm Ok or No Ok or No idiffer Spec. Range	Before 1 Ok Ok Ok Actual 1 Ok Clean Ok Ok Ok	After 1 1 Ok Ok Checked	Before 1 Ok Ok Ok 4. Check o hose 5. Clean st 6. Check h (Boiler tank) 7. Check o	After 1 Ok Ok Item Check condition of trainer numidifier b peration of Actual C Ok Ok	Before 1 1 Ok Ok ok ed steam ottle	After 1 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No After
	1. Reheat amp draw 2. Check Heater Resistance 3. Inspect elements 4. Check wire connections Steam Generating Hum Item Checked 1. Humidifier amp draw 2. Check drain valve/drain lines/trap fordamage/clogs/leaks 3. Check water fill valve and all supply lines/connection for leaks Electrical Panel Item Checked 1. Check fuses 2. Check contactors for pitting (Replace if pitted) 2. Check contactors for	Cond. Std. FLA = A 18-22 ohm Ok or No Ok or No idiffer Spec. Range	Before 1 Ok Ok Ok Actual 1 Ok Clean Ok Ok Ok	After 1 1 Ok Ok Checked	Before 1 Ok Ok Ok 4. Check of hose 5. Clean st 6. Check h (Boiler tank)	After 1 Ok Ok Item Check condition of trainer numidifier b peration of Actual C Ok Ok	Before 1 1 Ok Ok ok ed steam ottle	After 1 1 Ok Ok Ok Spec. Range Ok or No Ok or No Ok or No Ok or No

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 =1		V	L1/L2/L3 =1		V	1
	5. Voltage Line to Line	380 + 10%	L1L2/L2L3/L	1L3 = 1		L1L2/L2L3/L1L3 = 1 V			1
	6. Frequency	50 + 10%	F=1		Hz	F=1		Hz	1
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- detectiondevice			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	Refrigeration Piping				1			~	
	Item Checked	Spec. Range	Actual	Checked]	Item Check	ed	Spec. Range	Actual Checked
	1. Check refrigerant lines (clamps secure/no rubbing/no leaks)	Ok or No	Ok		3. Check for restriction temperature drop across			Ok or No	Clean
	2. Check for moisture	Ok or No	Ok		filterdrier				
101	(sight glass) Compressor Section								
	·	Spec. Range /	Cor	np. 1	Cor	mp. 2	Cor	np. 3	
ı	Item Checked	Cond. Std.	Before	After	Before	After	Before	After	Keterangan
	1. Ampere draw	OA··· A	1	1	1	1	1	1	1
	2. Check oil level	55 - 90 PsiG	1	1	1	1	1	1	1
	3. Check for oil leaks	200 - 300 PsiG	1	1	1	1	1	1	1
	4. Check compressormounts (springs/bushings)	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	5. Cap tubes (not rubbing)	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	6. Check/Re-torque wireconnections (inside compressor box)	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	7. Compressor operation (vibration/noise)	Hz dB	1	1	1	1	1	1	1
	8. Check crank-case heater fuses/operation	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	9. Check for refrigerantleaks	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	10. Suction pressure Circuit	55 - 90 PsiG	1	1	1	1	1	1	1
	11. Discharge PressureCircuit	200 - 300 PsiG	1	1	1	11	1	1	1
	12. Superheat Circuit	?C		1	1	1	1	1	1
	13. Low-pressure switchcut out Circuit	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	14. Low pressure cut in Circuit	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
	15. High pressure cut out Circuit	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
L	16. Sight Glass	Ok or No	Ok	Ok	Ok	Ok	Ok	Ok	Ok
				-		-	•		

Ι	Condensor Section				
	Item	Spec. Range	Before	After	Keterangan
Ш	Checked				

	1. Coil clean of debris (Cle ifrequired)	ean coil	Clean or Dirty	Clean Clean				
Н	2. Fans free of debris		Clean or Dirty	Clean	Clean			
	3. Fans securely mounted		1	1	1			
Н	4. Motor bearings in good		1	1	1			
Н	5. Check all refrigerant lin		1	Ok	Ok			
	vibration		Ok or No	OK				
	isolation. Support as necessary							
	6. Check for refrigerant le		Ok or No	Ok	Ok			
	7. Check surge-protection (ifinstalled) status-indicat		Ok or No	Ok	Ok			
	8. Check/Re-torque wire connections		Ok or No	Ok	Ok			
	9. Check contactors for pitting (replace ifpitted)		Ok or No	Ok	Ok			
	10. Verify operation seque	ence/set points	1	1	1	1		
	11. Charge verification:		1	1	1			
	a. Outdoor Ambient Temp	perature	1	1	1			
	b. Subcooling		1	1	1			
	c. Indoor-unit Return-air		1	1	1			
	d. Sight-glass level (if Lee- orpumped refrigerant)	Тетр	1	1	1			
	12 Motor omn draw		FLA = 1 A	L1/L2/L3 =	L1/L2			
	12. Motor amp draw		FLA - 1 A	1 Amp	1 A	mp		
J	General Function							
	Item Checked	Spec. Range	Actual Checked	Item Check	æd	Spec. Range	Actual Checked	
	1. Cooling Test	Ok or No	Ok	4. Dehumidification T	est	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					
K	Room Condition							
				Item Check	ced	Spec. Range	Actual	
	Item Checked	Spec. Range	Actual Checked			Kange	Checked	
	Item Checked 1. Temperature	Spec. Range	Checked	2. Humidity		1 %	Checked 1	
	1. Temperature		Checked	2. Humidity		Ü	Checked 1	
Ten	1. Temperature muan : tes		Checked	2. Humidity		Ü	Checked	
Ten	1. Temperature		Checked 1 NOT	2. Humidity		Ü	Checked 1	
Ten	1. Temperature muan : tes		Checked	2. Humidity		Ü	Checked 1	
Ten	1. Temperature muan : tes komendasi : tes JOB COMPLETED		Checked 1 NOT	2. Humidity TES UME	RUNNING	1 %	Checked 1	
Ten	1. Temperature muan : tes komendasi : tes		Checked NOT RESU NO, please check on N	2. Humidity TES UME NOTES		1 %	Checked 1	
Ten	1. Temperature muan : tes komendasi : tes JOB COMPLETED		Checked I NOT RESU NO, please check on N APPRO	2. Humidity TES UME NOTES		1 %	Checked 1	
Ten	1. Temperature muan : tes komendasi : tes JOB COMPLETED ?		Checked NOT RESU NO, please check on N APPRO SIGN	2. Humidity TES UME NOTES OVAL HING		1 % GHOURS:		
Ten	1. Temperature muan : tes komendasi : tes JOB COMPLETED ? Approved by		Checked I NOT RESU NO, please check on M APPRO SIGN Verified B	2. Humidity TES UME NOTES OVAL UING By		1 % GHOURS:	Service By	
Ten	1. Temperature muan : tes komendasi : tes JOB COMPLETED ?		Checked NOT RESU NO, please check on N APPRO SIGN	2. Humidity TES UME NOTES OVAL UING By		1 % GHOURS:		
Ten	1. Temperature muan : tes komendasi : tes JOB COMPLETED ? Approved by		Checked I NOT RESU NO, please check on M APPRO SIGN Verified B	2. Humidity TES UME NOTES OVAL UING By		1 % GHOURS:	Service By	
Ten	1. Temperature muan : tes komendasi : tes JOB COMPLETED ? Approved by		Checked I NOT RESU NO, please check on M APPRO SIGN Verified B	2. Humidity TES UME NOTES OVAL UING By		1 % GHOURS:	Service By	
Ten	1. Temperature muan : tes komendasi : tes JOB COMPLETED ? Approved by		Checked I NOT RESU NO, please check on M APPRO SIGN Verified B	2. Humidity TES UME NOTES OVAL UING By		1 % GHOURS:	Service By	

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