SERVICE REPORT PREVENTIVE MAINTENANCE
AIR HANDLING UNIT (AHU)

Lokasi : LT3	Model Unit :	Team Engineer List : asd	Date :2024-11-13
Code unit : asd	No. Seri : asd		Start PM : 11:11
Nomor Unit :	Periode :		Close PM : 11:11

CHECKLIST TEAM BRIEFING

INTENSIVE SAFETY BRIEFING TEAM   ? OK   ? NOT OK

A   Filter AHU

Item Checked	Standart Condition	Freq. (month)	Actual Checked Before	Actual Checked After	Remark
1. Check Pressure Different in/out PreFilter	30-100 pa	1M	1	1	1
2. Check Pressure Different in/out BagFilter (Pocket Filter)	70-225 pa	1M	1	1	1
3. Cleaning Pre Filter	Clean	1M	1	1	1
4. Cleaning Bag Filter	Clean	1M	1	1	1
5. Replace Pre Filter	3 Month	3M	1	1	1
6. Replace Bag Filter	248 pa	3M	1	1	1

B   Cooling Coil

Item Checked	Standart Condition	Freq. (month)	Actual Checked Before	Actual Checked After	Remark
1. Check Pressure Different in/out Cooling Coil	30-100 pa	1M	1	1	1
2. Check temperature Cooling Coil	10-12°C	1M	1	1	1
3. Inspect Temperature Water in & out	Delta T 3-5°C	1M	1	1	1
4. Inspect Pressure Water in & out	D.P 0,5 - 1 Bar	1M	1	1	1
5. Inspect Manual valve	Normal	1M	1	1	1
6. Inspect Motorize Valve	Normal	1M	1	1	1
7. Cleaning Cooling Coil	Clean	3M	1	1	1
8. Check air velocity	2,5 m/s	3M	1	1	1
9. Replace Snap ring Motorize valve	3 Month	3M	1	1	1
10. Cleaning Strainer	Clean	3 M	1	1	1

C   Heating Coil

Item Checked	Standart Condition	Freq. (month)	Actual Checked Before	Actual Checked After	Remark
1. Check Pressure Different in/out Heating Coil	30-100 pa	1M	1	1	1
2. Check temperature Heating Coil	10-12°C	1M	1	1	1
3. Inspect Temperature Water in & out	Delta T 3-5°C	1M	1	1	1
4. Inspect Pressure Water in & out	D.P 0,5 - 1 Bar	1M	1	1	1
5. Inspect Manual valve	Normal	1M	1	1	1
6. Inspect Motorize Valve	Normal	1M	1	1	1
7. Cleaning Heating Coil	Clean	3M	1	1	1
8. Check air velocity	2,5 m/s	3M	1	1	1
9. Replace Snap ring Motorize valve	3 Month	3M	1	1	1

D   Blower AHU

Item Checked	Standart Condition	Freq. (month)	Actual Checked Before	Actual Checked After	Remark
1. Check V-Belt Condition	Kondisi Bagus	1M	1	1	1
2. Check V-Belt Tension	2,7-4,1 kgF	3M	1	1	1
3. Dressing V-Belt	Kondisi Bagus	3M	1	1	1
4. Replace V-Belt	6 Month	6M	1	1	1
5. Check Abrassion of Pulley	Normal	6M	1	1	1
6. Check Allignment of Pulley	Center	6M	1	1	1
7. Check Cover Blower	Kondisi Bagus	3M	1	1	1
8. Check blower condition	Normal	3M	1	1	1
9. Cleaning Blower	Clean	3M	1	1	1
10. Cleaning Cover Blower	Clean	3M	1	1	1
11. Check Motor Blower	Normal	3M	1	1	1
12. Cleaning Cover motor blower	Clean	3M	1	1	1
13. Check Temperature Motor blower	40-60°C	3M	1	1	1
14. Greasing Bearing Motor Blower & Pillow block Bearing		3M	1	1	1
15. Check Insulation Motor Blower	>50M?	12M	1	1	1

E Drain System

Item Checked	Standart Condition	Freq. (month)	Actual Checked		Remark
			Before	After	
1. Inspect Basin	Kondisi Bagus	1M	1	1	1
2. Cleaning Basin	Clean	1M	1	1	1
3. Inspect U-Trap	Clean	1M	1	1	1
4. Inspect Piping	Clean	1M	1	1	1
5. Cleaning Piping	Clean	1M	1	1	1

E Control Panel

Item Checked	Standart Condition	Freq. (month)	Actual Checked		Remark
			Before	After	
1. Inspect Panel Control Component	Kondisi Bagus	3M	1	1	1
2. Cleaning Dust in the panel box	Clean	3M	1	1	1
3. Check terminal tight	Kondisi Bagus	3M	1	1	1

F Checklist History PM

1. Checklist History PM	OK

NOTES

Temuan :1

Rekomendasi : 1

RESUME

JOB COMPLETED ?   **Yes**   **please check on NOTES** | **RUNNING HOURS :**

APPROVAL SIGNING

Approved by ISS,	**Verified By** Supervisor,	**Service By** Team Leader/Staf,
	(_____)	(_____)
(_____)	No. HP.	No. HP.
No. HP.		

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

Foto Equipment			
No	Gambar	Info	Keterangan
1		111	Before

Foto Parameter			
No	Gambar	Info	Keterangan
1		1	Before