PT. DIKARI TATA UDARA INDONESIA SERVICE REPORT PM
ENGINEERING DIVISION

Sales, Design, Service, Installation, Prepentive Maintenance **AIR COOLED WATER CHILLER**

Customer/User : DKR	Location of Eq. :LT3	Engineer Name List :asd	**Date :2024-11-09**	**FORM NO. COO-PM-11-24-00003**
Site : Ciomas	Code/No. of Eq. : asd		Start Time : 11:11 / Stop Time : 11:11	**Tipe Form PM02**

TASKLIST

	Scope Of Work Maintenance Chiller Elektrik	Freq.	Standard	Actual Check
INTENSIVE SAFETY BRIEFING TEAM	**? OK ? NOT OK**			
1	Check the evaporator refrigerant pressure and the condenser refrigerant .	Wkly	1	1
2	Check the liquid line sight glasses.	Wkly	1	1
3	Measure and record the system superheat.	1 M	3	3
4	Measure and record the system subcooling.	1 M	3	3
5	Manually rotate condenser fans to insure proper clearance.	1 M	3	3
6	Check the fan assemblies for proper clearance in the fan openings	6 M	3	3
7	Check motor shaft misalignment, abnormal end-play, vibration and noise.	6 M	3	3
8	Check the oil level and refrigerant charge.	6 M	3	3
9	Check oil analysis to determine system moisture content and acid level.	6 M	3	3
10	Leak test the chiller	6 M	3	3
11	Check operating and safety controls	6 M	3	3
12	Inspect electrical components for deficiencies.	6 M	3	3
13	Inspect all piping components for leakage and damage.	6 M	3	3
14	Clean out any inline strainers.	6 M	3	3
15	Clean and repaint any areas that show signs of corrosion.	6 M	3	3
16	Clean the condenser coils.	6 M	3	3
17	Clean the condenser fans.	6 M	3	3

SERVICE CHECK

Unit Serial Number	:3	Elevation (°)	:3
Unit Model No.	:3	Nameplate Voltage (V)	:3
Compressor A Serial No.	:3	Fan Motor RLA	:3
Compressor A Model No.	:3	**Evap Water Drop Press. (Bar)**	
Compressor B Serial No.	:3	Des. PSID :3	Act. PSID :3
Compressor B Model No.	:3	Des. GPM :3	Act. GPM :3

Circuit Compressor	UoM	Standard	Before		After		Remarks
			Cir A	Cir B	Cir A	Cir B	
Unit Voltage	R-S	Volt	3	3	3	3	3
	S-T	Volt	3	3	3	3	3
	T-R	Volt	3	3	3	3	3
Comp. Amp	R	Amp	3	3	3	3	3
	S	Amp	3	3	3	3	3
	T	Amp	3	3	3	3	3
Unit Operating Mode		3	3	3	3	3	3
Last Diagnostic		3	3	3	3	3	3
Evap EWT		3	3	3	3	3	3
Evap LWT		3	3	3	3	3	3
Outdoor Air Temp.		5	5	5	5	5	5
Chilled Water Setpoint		5	5	5	5	5	5
Current Limit Setpoint		5	5	5	5	5	5
Sat. Evap. Ref. Temp.		5	5	5	5	5	5
Sat. Cond. Ref. Temp.		7	7	7	7	7	7

18	Clean panel control box & Component	6 M	3	3	Condensor ref. press.		8	8	8	8	8	8
19	Check all sensor (Condition & read)	6 M	3	3	Evaporator ref. Press.		9	9	9	9	9	9
20	Check Cooler & Pipe Insulation	6 M	3	3	Compressor RLA		9	9	9	9	9	9
21	Check Condensor air velocity	6 M	3	3	Compressor start		9	9	9	9	9	9
					Compressor hours		9	9	9	9	9	9
					Compressor hours		9	9	9	9	9	9
					Oil Level Compressor		9	9	9	9	9	9

FIND DH	NOTES / RECOMMENDATIONS
	**) Data gambar saat PM diinfokan melalui media lainnya.*

Foto Equipment			
No	Gambar	Info	Keterangan
1		9	Before

Foto Parameter			
No	Gambar	Info	Keterangan
1		9	Before