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 :2024-11-15**	**FORM NO. COO-PM-11-24-00003**
Site : Ciomas	Code/No. of Eq. : asd		Start Time : 12:03 / Stop Time : 12:32	**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	2
2	Check the liquid line sight glasses.	Wkly	2	2
3	Measure and record the system superheat.	1 M	2	2
4	Measure and record the system subcooling.	1 M	2	2
5	Manually rotate condenser fans to insure proper clearance.	1 M	2	2
6	Check the fan assemblies for proper clearance in the fan openings	6 M	2	2
7	Check motor shaft misalignment, abnormal end-play, vibration and noise.	6 M	2	2
8	Check the oil level and refrigerant charge.	6 M	2	2
9	Check oil analysis to determine system moisture content and acid level.	6 M	2	2
10	Leak test the chiller	6 M	2	2
11	Check operating and safety controls	6 M	2	2
12	Inspect electrical components for deficiencies.	6 M	2	2
13	Inspect all piping components for leakage and damage.	6 M	2	2
14	Clean out any inline strainers.	6 M	2	2
15	Clean and repaint any areas that show signs of corrosion.	6 M	2	2
16	Clean the condenser coils.	6 M	2	2
17	Clean the condenser fans.	6 M	2	2

SERVICE CHECK

Unit Serial Number	: 2	Elevation (°)	: 2
Unit Model No.	: 2	Nameplate Voltage (V)	: 2
Compressor A Serial No.	: 2	Fan Motor RLA	: 2
Compressor A Model No.	: 2	**Evap Water Drop Press. (Bar)**	
Compressor B Serial No.	:2	Des. PSID :2	Act. PSID : 2
Compressor B Model No.	: 2	Des. GPM : 2	Act. GPM :2

Circuit Compressor	UoM	Standard	Before		After		Remarks
			Cir A	Cir B	Cir A	Cir B	
Unit Voltage	R-S	Volt	2	2	2	2	2
	S-T	Volt	2	2	2	2	2
	T-R	Volt	2	2	2	2	2
Comp. Amp	R	Amp	2	2	2	2	2
	S	Amp	2	2	2	2	2
	T	Amp	2	2	2	2	2
Unit Operating Mode		2	2	2	2	2	2
Last Diagnostic		2	2	2	2	2	2
Evap EWT		2	2	2	2	2	2
Evap LWT		2	2	2	2	2	2
Outdoor Air Temp.		2	2	2	2	2	2
Chilled Water Setpoint		2	2	2	2	2	2
Current Limit Setpoint		2	2	2	2	2	2
Sat. Evap. Ref. Temp.		2	2	2	2	2	2
Sat. Cond. Ref. Temp.		2	2	2	2	2	2

18	Clean panel control box & Component	6 M	2	2	Condensor ref. press.		2	2	2	2	2	2
19	Check all sensor (Condition & read)	6 M	2	2	Evaporator ref. Press.		2	2	2	2	2	2
20	Check Cooler & Pipe Insulation	6 M	2	2	Compressor RLA		2	2	2	2	2	2
21	Check Condensor air velocity	6 M	2	2	Compressor start		2	2	2	2	2	2
					Compressor hours		2	2	2	2	2	2
					Compressor hours		2	2	2	2	2	2
					Oil Level Compressor		2	2	2	2	2	2

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

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

RESUME	APPROVAL SIGNING		
	Approved by	**Verified By**	**Service By**
JOB COMPLETED ?	ISS,	Supervisor,	Team Leader/Staf,
? YES			
? NO, please check on NOTES	( ) No. HP.	( ) No. HP.	( ) No. HP.

Foto Equipment			
No	Gambar	Info	Keterangan
1		ACWC1	Before

Foto Parameter			
No	Gambar	Info	Keterangan
1			Before
2		ACWC1	After