



PT. DIKARI TATA UDARA INDONESIA
ENGINEERING DIVISION
Sales, Design, Service, Installation, Prepentive Maintenance

SERVICE REPORT PM



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 ? OK ? NOT OK				
BRIEFING TEAM				
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 :2				Fan Motor RLA :2			
No.							
Compressor A :2				Evap Water Drop Press. (Bar)			
Model No.							
Compressor B Serial :2				Des. PSID :2		Act. PSID :2	
No.							
Compressor B :2				Des. GPM :2		Act. GPM :2	
Model No.							
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				
FIND DH		NOTES / RECOMMENDATIONS			Compressor hours		2	2	2	2	2	2				
		*) Data gambar saat PM diinfokan melalui media lainnya.			Compressor hours		2	2	2	2	2	2				
					Oil Level Compressor		2	2	2	2	2	2				
					RESUME								APPROVAL SIGNING			
					JOB COMPLETED ?				<div> <div>Approved by</div> <div>ISS,</div> <div>()</div> <div>No. HP.</div> </div> <div> <div>Verified By</div> <div>Supervisor,</div> <div>()</div> <div>No. HP.</div> </div> <div> <div>Service By</div> <div>Team Leader/Staf,</div> <div>()</div> <div>No. HP.</div> </div>							
					? YES											
					? NO, please check on NOTES											
Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor																

Foto Equipment			
No	Gambar	Info	Keterangan
1		ACWC1	Before
Foto Parameter			
No	Gambar	Info	Keterangan
1		ACWC1	After