



**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 :2024-11-09		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					SERVICE CHECK							
Scope Of Work Maintenance Chiller Elektrik		Freq.	Standard	Actual Check	Unit Serial Number :3				Elevation (°) :3			
INTENSIVE SAFETY ? OK ? NOT OK					Unit Model No. :3				Nameplate Voltage (V) :3			
BRIEFING TEAM					Compressor A Serial No. :3				Fan Motor RLA :3			
1	Check the evaporator refrigerant pressure and the condenser refrigerant .	Wkly	1	1	Compressor A Model No. :3				Evap Water Drop Press. (Bar)			
2	Check the liquid line sight glasses.	Wkly	1	1	Compressor B Serial No. :3				Des. PSID :3			
3	Measure and record the system superheat.	1 M	3	3	Compressor B Model No. :3				Act. PSID :3			
4	Measure and record the system subcooling.	1 M	3	3	Circuit Compressor	UoM	Standard	Before		After		Remarks
5	Manually rotate condenser fans to insure proper clearance.	1 M	3	3				Cir A	Cir B	Cir A	Cir B	
6	Check the fan assemblies for proper clearance in the fan openings	6 M	3	3	Unit Voltage	R-S	Volt	3	3	3	3	3
7	Check motor shaft misalignment, abnormal end-play, vibration and noise.	6 M	3	3		S-T	Volt	3	3	3	3	3
8	Check the oil level and refrigerant charge.	6 M	3	3		T-R	Volt	3	3	3	3	3
9	Check oil analysis to determine system moisture content and acid level.	6 M	3	3	Comp. Amp	R	Amp	3	3	3	3	3
10	Leak test the chiller	6 M	3	3		S	Amp	3	3	3	3	3
11	Check operating and safety controls	6 M	3	3		T	Amp	3	3	3	3	3
12	Inspect electrical components for deficiencies.	6 M	3	3	Unit Operating Mode		3	3	3	3	3	3
13	Inspect all piping components for leakage and damage.	6 M	3	3	Last Diagnostic		3	3	3	3	3	3
14	Clean out any inline strainers.	6 M	3	3	Evap EWT		3	3	3	3	3	3
15	Clean and repaint any areas that show signs of corrosion.	6 M	3	3	Evap LWT		3	3	3	3	3	3
16	Clean the condenser coils.	6 M	3	3	Outdoor Air Temp.		5	5	5	5	5	5
17	Clean the condenser fans.	6 M	3	3	Chilled Water Setpoint		5	5	5	5	5	5
18	Clean panel control box & Component	6 M	3	3	Current Limit Setpoint		5	5	5	5	5	5
Condensor ref. press.			8	8	Sat. Evap. Ref. Temp.		5	5	5	5	5	5
			8	8	Sat. Cond. Ref. Temp.		7	7	7	7	7	7

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
<b>FIND DH</b>	<b>NOTES / RECOMMENDATIONS</b>				Compressor hours		9	9	9	9	9	9
	*) Data gambar saat PM diinfokan melalui media lainnya.				Compressor hours		9	9	9	9	9	9
					Oil Level Compressor		9	9	9	9	9	9
	<b>APPROVAL</b>											
<b>CREATED BY</b>					<b>APPROVAL STATUS</b>							
Created By : adminsuper Completed Date : 12-12-12					Status Approval : Waiting Approved By : spv Approved Date : 12-12-12							

Foto Equipment			
No	Gambar	Info	Keterangan
1		9	Before
Foto Parameter			
No	Gambar	Info	Keterangan
1		9	Before