



**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 :1	Date :2024-11-13		FORM NO. COO-PM-11-24-00106
Site : Ciomas	Code/No. of Eq. : asd		Start Time : 11:01	Stop Time : 11:01	Tipe Form PM02

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

18	Clean panel control box & Component	6 M	1	1	Condensor ref. press.		1	1	1	1	1	1				
19	Check all sensor (Condition & read)	6 M	1	1	Evaporator ref. Press.		1	1	1	1	1	1				
20	Check Cooler & Pipe Insulation	6 M	1	1	Compressor RLA		1	1	1	1	1	1				
21	Check Condensor air velocity	6 M	1	1	Compressor start		1	1	1	1	1	1				
<b>FIND DH</b>		<b>NOTES / RECOMMENDATIONS</b>			Compressor hours		1	1	1	1	1	1				
		*) Data gambar saat PM diinfokan melalui media lainnya.			Compressor hours		1	1	1	1	1	1				
					Oil Level Compressor		1	1	1	1	1	1				
					<b>RESUME</b>								<b>APPROVAL SIGNING</b>			
					<b>JOB COMPLETED ?</b>		<b>Approved by</b> ISS,		<b>Verified By</b> Supervisor,		<b>Service By</b> Team Leader/Staf,					
		<b>? YES</b>														
		<b>? NO, please check on NOTES</b>		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		1	Before
Foto Parameter			
No	Gambar	Info	Keterangan
1		1	Before