



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



#### APPROVAL

#### CREATED BY

Created By : adminsuper  
Completed Date : 12-12-12

#### APPROVAL STATUS

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