



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

# SERVICE REPORT PM

## AIR COOLED WATER CHILLER

Customer/User :	Location of Eq. :	Engineer Name List :	Date :		FORM NO.
Site :	Code/No. of Eq. :		Start Time	Stop Time	
					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	1
2	Check the liquid line sight glasses.	Wkly	1	1
3	Measure and record the system superheat.	1 M	1	1
4	Measure and record the system subcooling.	1 M	1	1
5	Manually rotate condenser fans to insure proper clearance.	1 M	1	1
6	Check the fan assemblies for proper clearance in the fan openings	6 M	1	1
7	Check motor shaft misalignment, abnormal end-play, vibration and noise.	6 M	1	1
8	Check the oil level and refrigerant charge.	6 M	1	1
9	Check oil analysis to determine system moisture content and acid level.	6 M	1	1
10	Leak test the chiller	6 M	1	1
11	Check operating and safety controls	6 M	1	1
12	Inspect electrical components for deficiencies.	6 M	1	1
13	Inspect all piping components for leakage and damage.	6 M	1	1
14	Clean out any inline strainers.	6 M	1	1
15	Clean and repaint any areas that show signs of corrosion.	6 M	1	1
16	Clean the condenser coils.	6 M	1	1
17	Clean the condenser fans.	6 M	1	1
18	Clean panel control box & Component	6 M	1	1
19	Check all sensor (Condition & read)	6 M	1	1

SERVICE CHECK							
Unit Serial Number :				Elevation (°) :			
Unit Model No. :				Nameplate Voltage (V) :			
Compressor A Serial No. :				Fan Motor RLA :			
Compressor A Model No. :				Evap Water Drop Press. (Bar)			
Compressor B Serial No. :				Des. PSID :		Act. PSID :	
Compressor B Model No. :				Des. GPM :		Act. GPM :	
Circuit Compressor	UoM	Standard	Before		After		Remarks
			Cir A	Cir B	Cir A	Cir B	
Unit Voltage	R-S	Volt					
	S-T	Volt					
	T-R	Volt					
Comp. Amp	R	Amp					
	S	Amp					
	T	Amp					
Unit Operating Mode							
Last Diagnostic							
Evap EWT							
Evap LWT							
Outdoor Air Temp.							
Chilled Water Setpoint							
Current Limit Setpoint							
Sat. Evap. Ref. Temp.							
Sat. Cond. Ref. Temp.							
Condensor ref. press.							
Evaporator ref. Press.							

20	Check Cooler & Pipe Insulation	6 M	1	1	Compressor RLA											
21	Check Condensor air velocity	6 M	1	1	Compressor start											
<b>FIND DH</b>		<b>NOTES / RECOMMENDATIONS</b>			Compressor hours											
		*) Data gambar saat PM diinfokan melalui media lainnya.			Compressor hours											
					Oil Level Compressor											
					<b>RESUME</b>								<b>APPROVAL SIGNING</b>			
					<b>JOB COMPLETED ?</b>				<div> <div>Approved by ISS,</div> <div>Verified By Supervisor,</div> <div>Service By Team Leader/Staf,</div> </div>							
					<b>? YES</b>											
					<b>? NO, please check on</b>				<div> <div>( )</div> <div>No. HP.</div> </div>							
					<b>NOTES</b>				<div> <div>( )</div> <div>No. HP.</div> </div>							
Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor																