



**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		
8	Check the oil level and refrigerant charge.	6 M		
9	Check oil analysis to determine system moisture content and acid level.	6 M		
10	Leak test the chiller	6 M		
11	Check operating and safety controls	6 M		
12	Inspect electrical components for deficiencies.	6 M		
13	Inspect all piping components for leakage and damage.	6 M		
14	Clean out any inline strainers.	6 M		
15	Clean and repaint any areas that show signs of corrosion.	6 M		
16	Clean the condenser coils.	6 M		
17	Clean the condenser fans.	6 M		
18	Clean panel control box & Component	6 M		
19	Check all sensor (Condition & read)	6 M		
20	Check Cooler & Pipe Insulation	6 M		
21	Check Condensor air velocity	6 M		

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.								
Compressor RLA								
Compressor start								

FIND DH	NOTES / RECOMMENDATIONS	Compressor hours							
	*) Data gambar saat PM diinfokan melalui media lainnya.	Compressor hours							
		Oil Level							
		Compressor							
		RESUME	APPROVAL SIGNING						
		JOB COMPLETED ?	Approved by ISS,		Verified By Supervisor,		Service By Team Leader/Staf,		
	? YES								
	? NO, please check on	No. HP. ( )		No. HP. ( )		No. HP. ( )			
Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor		NOTES							