



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		
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							
	R	Amp							
Comp. 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. ()			
NOTES									
Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor									