



PT. DIKARI TATA UDARA INDONESIA SERVICE REPORT PM
ENGINEERING DIVISION
Sales, Design, Service, Installation, Prepentive Maintenance **AIR COOLED WATER CHILLER**

Customer/User : DKR	Location of Eq. :LT3	Engineer Name List :	Date :	FORM NO.
Site : Ciomas	Code/No. of Eq. :12		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

SERVICE CHECK									
Unit Serial Number :1					Elevation (°) :1				
Unit Model No. :1					Nameplate Voltage (V) :1				
Compressor A Serial :1					Fan Motor RLA :1				
No.					Evap Water Drop Press. (Bar)				
Compressor A :1					Des. PSID :1				
Model No.					Act. PSID :1				
Compressor B Serial :1					Des. GPM :1				
No.					Act. GPM :1				
Compressor B :1									
Model No.									
Circuit Compressor	UoM	Standard	Before		After		Remarks		
			Cir A	Cir B	Cir A	Cir B			
Unit Voltage	R-S	Volt	35	36	37	38	39		
	S-T	Volt	35	36	37	38	39		
	T-R	Volt	35	36	37	38	39		
Comp. Amp	R	Amp	41	42	43	44	45		
	S	Amp	41	42	43	44	45		
	T	Amp	41	42	43	44	45		
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.									

18	Clean panel control box & Component	6 M	1	1	Condensor ref. press.								
19	Check all sensor (Condition & read)	6 M	1	1	Evaporator ref. Press.								
20	Check Cooler & Pipe Insulation	6 M	1	1	Compresso r RLA								
21	Check Condensor air velocity	6 M	1	1	Compresso r start								
FIND DH		NOTES / RECOMMENDATIONS			Compressor hours								
		*) Data gambar saat PM diinfokan melalui media lainnya.			Compresso r hours								
					Oil Level								
					Compressor								
					RESUME								
					APPROVAL SIGNING								
					Approved by ISS,		Verified By Supervisor,			Service By Team Leader/Staf,			
					JOB COMPLETED ?								
					? YES								
					? NO, please check on NOTES		No. HP. ()			No. HP. ()			
							No. HP. ()			No. HP. ()			
Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor													