



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
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 :1					Elevation (°) :1					
Unit Model No. :1					Nameplate Voltage (V) :1					
Compressor A Serial No. :1					Fan Motor RLA :1					
Compressor A Model :1					Evap Water Drop Press. (Bar)					
No.					Des. PSID :1			Act. PSID :1		
Compressor B Serial No. :1					Des. GPM :1			Act. GPM :1		
Compressor B Model :1										
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	40	
		S-T	Volt	35	36	37	38	39	40	
		T-R	Volt	35	36	37	38	39	40	
Comp. Amp	R	Amp	41	42	43	44	45	46		
	S	Amp	41	42	43	44	45	46		
	T	Amp	41	42	43	44	45	46		
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							
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												