



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

SERVICE REPORT PM

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 :1				Fan Motor RLA :1			
Serial No.				Evap Water Drop Press. (Bar)			
Compressor A :1							
Model No.				Des. PSID :1			
Compressor B :1				Act. PSID :1			
Serial No.				Des. GPM :1			
Compressor B :1				Act. GPM :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	40	41	42	43	44
	S	Amp	40	41	42	43	44
	T	Amp	40	41	42	43	44
Unit Operating Mode		45	45	45	45	45	45
Last Diagnostic		46	46	46	46	46	46
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			Compresso r hours									
		*) Data gambar saat PM diinfokan melalui media lainnya.			Compresso r hours									
					Oil Level Compresso r									
					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														