



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	1	1	1	1	1
	S-T	Volt	1	1	1	1	1
	T-R	Volt	1	1	1	1	1
Comp. Amp	R	Amp	1	1	1	1	1
	S	Amp	1	1	1	1	1
	T	Amp	1	1	1	1	1
Unit Operating Mode		1	1	1	1	1	1
Last Diagnostic		1	1	1	1	1	1
Evap EWT		1	1	1	1	1	1
Evap LWT		1	1	1	1	1	1
Outdoor Air Temp.		1	1	1	1	1	1
Chilled Water Setpoint		1	1	1	1	1	1
Current Limit Setpoint		1	1	1	1	1	1
Sat. Evap. Ref. Temp.		1	1	1	1	1	1
Sat. Cond. Ref. Temp.		1	1	1	1	1	1

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