



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
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.														
Compressor B Serial No. : 1					Des. PSID : 1			Act. PSID : 1						
Compressor B Model : 1					Des. GPM : 1			Act. GPM : 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		
	T-R	S-T	Volt	35	36		37		38		39		40	
		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 ?				<div> <div>Approved by</div> <div>ISS,</div> <div>()</div> <div>No. HP.</div> </div> <div> <div>Verified By</div> <div>Supervisor,</div> <div>()</div> <div>No. HP.</div> </div> <div> <div>Service By</div> <div>Team Leader/Staf,</div> <div>()</div> <div>No. HP.</div> </div>							
					? YES											
					? NO, please check on											
NOTES																
Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor																