



**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.							
Compressor A : 1				Evap Water Drop Press. (Bar)			
Model No.							
Compressor B Serial : 1				Des. PSID : 1		Act. PSID : 1	
No.							
Compressor B : 1				Des. GPM : 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	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			
<b>FIND DH</b>		<b>NOTES / RECOMMENDATIONS</b>			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	1		
					<b>RESUME</b>										
					<b>APPROVAL SIGNING</b>										
					<b>JOB COMPLETED ?</b>	<b>Approved by</b> ISS,		<b>Verified By</b> Supervisor,		<b>Service By</b> Team Leader/Staf,					
					<b>? YES</b>	( )		( )		( )					
					<b>? NO, please check on NOTES</b>	No. HP.		No. HP.		No. HP.					
Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor															

Foto Equipment			
No	Gambar	Info	Keterangan
Foto Parameter			
No	Gambar	Info	Keterangan
1	<pre>graph TD; A[Analisis Permasalahan] --&gt; B[Studi Literatur]; B --&gt; C[Perancangan Prototype]; C --&gt; D[Perancangan Web]; D --&gt; E[Implementasi]; E --&gt; F[Akuisi Data]; F --&gt; G[Analisis]; G --&gt; H[Pengujian]; C --&gt; C1[Perancangan Struktur]; C --&gt; C2[Perancangan Alat]; D --&gt; D1[Perancangan Alur]; D --&gt; D2[Perancangan Antar Muka]; D --&gt; D3[Pembuatan Web]; G --&gt; G1[Analisis Kerja]; G --&gt; G2[Analisis Data Time Series];</pre>	1	Before