



**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 :1				Fan Motor RLA :1			
Serial No.				Evap Water Drop Press. (Bar)			
Compressor A :1							
Model No.				Des. PSID :1			

18	Clean panel control box & Component	6 M	1	1	Condensor ref. press.		54	54	54	54	54	54																															
19	Check all sensor (Condition & read)	6 M	1	1	Evaporator ref. Press.		55	55	55	55	55	55																															
20	Check Cooler & Pipe Insulation	6 M	1	1	Compresso r RLA		46	46	46	46	46	46																															
21	Check Condensor air velocity	6 M	1	1	Compresso r start																																						
<b>FIND DH</b>		<b>NOTES / RECOMMENDATIONS</b>			Compresso r hours																																						
		*) Data gambar saat PM diinfokan melalui media lainnya.			Compresso r hours																																						
					Oil Level Compresso r																																						
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Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor																																											