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PT. DIKARI TATA UDARA INDONESIA SERVICE REPORT PM

ENGINEERING DIVISION

Sales, Design, Service, Installation, Prepentive Maintenance **AIR COOLED WATER CHILLER**

Customer/User :	Location of Eq. :	Engineer Name List :	**Date :**	**FORM NO.**
Site :	Code/No. of Eq. :		Start Time / Stop Time	**Tipe Form PM02**

TASKLIST

	Scope Of Work Maintenance Chiller Elektrik	Freq.	Standard	Actual Check
INTENSIVE SAFETY BRIEFING TEAM	**? OK ? NOT OK**			
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 Unit Operating Mode	1
10	Leak test the chiller	6 M		
11	Check operating and safety controls	6 M		
12	Inspect electrical components for deficiencies.	6 M		
13	Inspect all piping components for leakage and damage.	6 M		
14	Clean out any inline strainers.	6 M		
15	Clean and repaint any areas that show signs of corrosion.	6 M		
16	Clean the condenser coils.	6 M		
17	Clean the condenser fans.	6 M		
18	Clean panel control box & Component	6 M		
19	Check all sensor (Condition & read)	6 M		
20	Check Cooler & Pipe Insulation	6 M		
21	Check Condensor air velocity	6 M		

SERVICE CHECK

Unit Serial Number	:	Elevation (°)	:
Unit Model No.	:	Nameplate Voltage (V)	:
Compressor A Serial No.	:	Fan Motor RLA	:
Compressor A Model No.	:	**Evap Water Drop Press. (Bar)**	
Compressor B Serial No.	:	Des. PSID :	Act. PSID :
Compressor B Model No.	:	Des. GPM :	Act. GPM :

Circuit Compressor		UoM	Standard	Before Cir A	Before Cir B	After Cir A	After Cir B	Remarks
Unit Voltage	R-S	Volt						
	S-T	Volt						
	T-R	Volt						
Comp. Amp	R	Amp						
	S	Amp						
	T	Amp						
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.								
Compressor RLA								
Compressor start								

FIND DH	NOTES / RECOMMENDATIONS								
	**) Data gambar saat PM diinfokan melalui media lainnya.*	Compressor hours							
		Compressor hours							
		Oil Level Compressor							
Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor		**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.		( )	
		NOTES						No. HP.	