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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 : 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 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	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 No.	: 1	**Evap Water Drop Press. (Bar)**	
Compressor B Serial No.	: 1	Des. PSID : 1	Act. PSID : 1
Compressor B Model No.	: 1	Des. GPM : 1	Act. GPM : 1

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
		S-T	Volt	35	36	37	38	39
		T-R	Volt	35	36	37	38	39
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							
					Compressor hours							
					Compressor hours							
					Oil Level Compressor							

FIND DH	NOTES / RECOMMENDATIONS
	*) Data gambar saat PM diinfokan melalui media lainnya.

Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor

RESUME	APPROVAL SIGNING		
	Approved by	**Verified By**	**Service By**
JOB COMPLETED ?	ISS,	Supervisor,	Team Leader/Staf,
? YES			
? NO, please check on NOTES	( ) No. HP.	( ) No. HP.	( ) No. HP.