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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

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	40	41	42	43	44
	S	Amp	40	41	42	43	44
	T	Amp	40	41	42	43	44
Unit Operating Mode		45	45	45	45	45	45
Last Diagnostic		46	46	46	46	46	46
Evap EWT		47	47	47	47	47	47
Evap LWT		48	48	48	48	48	48
Outdoor Air Temp.		49	49	49	49	49	49
Chilled Water Setpoint		50	50	50	50	50	50
Current Limit Setpoint		51	51	51	51	51	51
Sat. Evap. Ref. Temp.		52	52	52	52	52	52
Sat. Cond. Ref. Temp.		53	53	53	53	53	53

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	Compressor RLA		56	56	56	56	56	56	
21	Check Condensor air velocity	6 M	1	1	Compressor start		57	57	57	57	57	57	
					Compressor hours		58	58	58	58	58	58	
					Compressor hours		59	59	59	59	59	59	
					Oil Level Compressor		60	60	60	60	60	60	

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.