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## Master Plan for Preventive Maintenance



Jardine Schindler

Jardine Schindler (Thai) Ltd.  
Routine Maintenance Schedule

For January - December 2024



Schindler

Contract Name :

Marriott Executive Apartment

No. of Equipment

9

Unit(s)

Month	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Remark
January				L1 L2	L3 L4	CP1 CP2 SC	SL1 SL2																										
February		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
March		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
April		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
May		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
June				L1 L2	CP1 CP2	L3 L4	SL1 SL2																										
July		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
August		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
September		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
October		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
November		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												
December		L1 L2	CP1 CP2	L3 L4	SL1 SL2																												

Prepared by :

Therawatt W.

(Service Sup. / Eng.)

Approved by :

(Client or Client's Representative)

Date :

/ /

Date :

/ /



บริษัท แอพร็อช เอ็นจิเนียริ่ง จำกัด  
APPROACH ENGINEERING CO., LTD.

508/132 ถนนสุขุมวิท แขวงคลองพร้าว เขตคลองพร้าว กรุงเทพมหานคร 10230  
Tel. : 02 - 553-2641, 02 - 553-2636 -9 Fax. : 02 - 553-2642 e-mail : sales@approachcooling.com

สำนักงานใหญ่



### Yearly Planning Preventive Maintenance

Project : Marriott Executive Apartments Sukhumvit Park-Bangkok

Date : 1 January 2024 - 31 December 2024

ลำดับ	รายการ	ม.ค.-24				ก.พ.-24				มี.ค.-24				พ.ค.-24				พ.ค.-24				ก.ค.-24				ก.ค.-24				ก.ค.-24			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1	Service ครั้งที่ 1																																
2	Service ครั้งที่ 2																																
3	Service ครั้งที่ 3																																
4	Service ครั้งที่ 4																																
5	Service ครั้งที่ 5																																
6	Service ครั้งที่ 6																																
ช่าง COOLING TOWER																																	
ช่าง FILLING																																	
Remark		Cooling Tower Model " NG 8325 C1 x 4 Sets "																															

ช่าง Service Cooling Tower ทุก 2 เดือน : 6 ครั้ง/ปี  
ช่าง Filling Cooling Tower ทุก 4 เดือน : 3 ครั้ง/ปี  
ช่าง Filling 6 เดือน : 1 ครั้ง/ปี



**SCHEDULE OF SERVICE HOOD CLEANING OF 2024**  
**MARRIOTT EXECUTIVE APARTMENTS SUKHUMVIT PARK BANGKOK**

	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec
KITCHEN / PERIOD												
STAFF CANTEEN			x			x			x			x
MAIN KITCHEN			x			x			x			x
LAUNDRY ROOM			x			x			x			x

NAH  
25/3/2024



บริษัท อินเทอร์เน็ต เอ็นเตอร์ไพรส์ จำกัด  
Integrate Security Architect Co., Ltd.  
47/14 ซอยรามคำแหง 102 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

โครงการ : Marriott Executive Apartment Sukhumvit 24

[illegible]



Date

8-1-87

Item	Description	Morning		Afternoon		Night		Remark
1	Roof top Water Tank	✓	—	✓	—	✓	—	H
2	Cooling Tower no.	✓	—	✓	—	✓	—	A / M / Off
3	Bleed Off Blowdown	Tank 180/150	PH 8.8	Tank 180/150	PH 8.9	Tank 180/150	PH 8.9	Conduct 180/150
4	Television System	✓	—	✓	—	✓	—	—
5	Heat pump Zone 1 (FL 28-FL 34)	54	51	54	52	52	49	A / M / Off
6	Heat pump Zone 2 (FL 21-FL 27)	52	48	48	57	52	48	A / M / Off
7	Heat pump Zone 3 (FL 14-FL 20)	51	46	54	48	50	48	A / M / Off
8	Heat pump Zone 4 (FL 5-FL 12)	59	55	51	34	55	49	A / M / Off
9	Heat pump Zone 5 (G - FL 4)	41	12	40	42	46	46	A / M / Off
10	Booster Pump Room	40	10.	44	10	40	10	A / M / Off
11	Electrical Main Meter							
Chiller Plant System								
12	Chiller Running no.	778.1	18.3/46	778.1	18.3/46	778.1	18.3/46	778.1
13	LSCHP	Run No. 1	P. in 200	Run No. 1	P. in 150	Run No. 1	P. in 150	P. out 240
14	HSCHP	Run No. 1	P. in 200	Run No. 1	P. in 150	Run No. 1	P. in 150	P. out 140
15	CDP	Run No. 4	P. in 160	Run No. 4	P. in 160	Run No. 4	P. in 160	P. out 140
16	PCHP	Run No. —	P. in —	Run No. —	P. in —	Run No. —	P. in —	P. out —
13	Swimming Pool	PH 9.2	CL 0.6	PH 8.2	CL 0.6	PH	CL	Salt
14	Jacuzzi	8.8.	1.5					A / M / Off
15	Server Room	Room Temp. 19.0	19.0	Room Temp. Normal/Abnormal		Room Temp. Normal/Abnormal		Normal/Abnormal
Fire Pump System								
16	Fire pump & Jockey Pump at Basement floor	61/10/10	61/10/10	61/10/10	61/10/10	61/10/10	61/10/10	61/10/10



17	Cold Water Pump at Basement floor	L/M (H)	Level	A/M Off	L/M/H	PPM	L1/L2	A / M / Off	L1 / L2	PPM	Level	L1 / L2	A / M / Off
18	Softener System (Hardness / Brine tank / Status)	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
19	Boller System	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
20	Equalization Pump EQP-1, EQP-2	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
21	Ejector Pump EJ-1	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
22	Effluent Pump EFP-1, EFP-2	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
23	Aerator Pump A-1, A-2, A-3	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
24	Air Lift Solenoid SV-1, SV-2, SV-3	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
25	Sludge Pump SLP-1, SLP-2	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
26	Hotel Guest Elevator no. P1, P2, P3, P4	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
27	Hotel Staff Service Elevator no. S1, S2	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
28	Car Park Guest Elevator no. P1, P2	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
29	Car Park Staff Elevator no. S1	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
30	LPG Station / Water LV	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
31	Main KC	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
32	Canteen	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓
33	Laundry	✓	400	A / M / Off	✓	400	400	✓	400	✓	400	400	✓

Reported by GAK / MCB  
Shift A: ACE  
Shift B: Pun  
Shift C: Boy

DOE Q-22



Engineering Department  
Daily Machinery & System Inspection Report

Date 13/02/24

Item	Description	Morning			Afternoon			Night			Remark
1	Rooftop Water Tank	/	/	49	/	/	4	/	/	H	
2	Cooling Tower no.	/	/	A/M /Off	/	/	A/M /Off	/	/	A/M /Off	
3	Bleed Off Blowdown	Tank 90/150 PH 9.000	Conduct 1		Tank 90/180 PH 9.0	Conduct 1		Tank 90/125 PH 9.0	Conduct 1		
4	Television System	/	/		/	/		/	/		
5	Heat pump Zone 1 (FL 28-FL 34)	48	46	A/M /Off	47	44	A/M /Off	51	47	A/M /Off	
6	Heat pump Zone 2 (FL 21-FL 27)	50	50	A/M /Off	45	43	A/M /Off	49	50	A/M /Off	
7	Heat pump Zone 3 (FL 14-FL 20)	47	48	A/M /Off	44	43	A/M /Off	47	48	A/M /Off	
8	Heat pump Zone 4 (FL 5-FL 12)	51	47	A/M /Off	50	46	A/M /Off	52	49	A/M /Off	
9	Heat pump Zone 5 (G - FL 4)	31	32	A/M /Off	31	31	A/M /Off	31	32	A/M /Off	
10	Booster Pump Room	44	10	A/M /Off	44	10	A/M /Off	43	10	A/M /Off	
11	Electrical Main Meter	/	/		/	/		/	/		
12	Chiller Running no.	77.6	51.4/46	79.6/84.8	67.0	50/46	78.3/82.2	62.9/	50.1/46.1	77.2/40.6	
13	LSCHP	Run No. 1	P. In 150	P. out	Run No. 1	P. In 150	P. out	Run No. 1	P. In 150	P. out	
14	HSCHP	Run No. 2	P. In 150	P. out 1	Run No. 2	P. In 180	P. out 220	Run No. 2	P. In 160	P. out 225	
15	CDP	Run No. 4	P. In 160	P. out 185	Run No. 4	P. In 160	P. out 180	Run No. 4	P. In 170	P. out 250	
16	PCHP	Run No. -	P. In -	P. out -	Run No. -	P. In -	P. out -	Run No. -	P. In -	P. out -	
13	Swimming Pool	PH 7.6	CL 1.5	Salt	PH 7.6	CL 1.0	Salt 41.00	PH 7.6	CL 1.0	Salt	
14	Jacuzzi	7.2	0.2	A/M /Off	7.6	1.5	A/M /Off	7.2	1.5	A/M /Off	
15	Server Room	Room Temp.		Normal/Abnormal	Room Temp.		Normal/Abnormal	Room Temp.		Normal/Abnormal	
Fire Pump System		Fire Engine	Jacky pump	Water Pressure	Fire Engine	Jacky pump	Water Pressure	Fire Engine	Jacky pump	Water Pressure	
16	Fire pump & Jacky Pump at Basement floor	A-M /Off	A-M /Off	700 1300	A-M /Off	A-M /Off	900/300	A-M /Off	A-M /Off	200 / 230	







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## Engineering Department

## Daily Machinery &amp; System Inspection Report

Date 28-3-67

Item	Description	Morning			Afternoon			Night			Remark
		Load %	Chilled Temp	Condenser Temp	Load %	Chilled Temp	Condenser Temp	Load %	Chilled Temp	Condenser Temp	
1	Rooftop Water Tank										
2	Cooling Tower no.			A / M / Off							A / M / Off
3	Bleed Off Blowdown			Conduct	Tank 800/100 PH 9.0	Conduct 4492	PH 9.0	Tank 200/100 PH 9.0	Conduct 4499		
4	Television System										
Heat Pump System											
5	Heat pump Zone 1 ( FL 28-FL 34 )			A / M / Off	52	49	A / M / Off	51			A / M / Off
6	Heat pump Zone 2 ( FL 21-FL 27 )			A / M / Off	41	46	A / M / Off	45			A / M / Off
7	Heat pump Zone 3 ( FL 14-FL 20 )			A / M / Off	47	48	A / M / Off	46			A / M / Off
8	Heat pump Zone 4 ( FL 5-FL 12 )			A / M / Off	45	42	A / M / Off	46			A / M / Off
9	Heat pump Zone 5 ( G - FL 4 )			A / M / Off	51	40	A / M / Off	50			A / M / Off
10	Booster Pump Room			A / M / Off	40	10	A / M / Off	40			A / M / Off
11	Electrical Main Meter										
Chiller Plant System											
12	Chiller Running no.				94.0	52.1/46.3	87.4/94.1	94.0	54.4/46.8		
13	LSCHP	Run No.	P. In	P. out	Run No. 1	P. In 9.2	P. out -	Run No. 1	P. In	P. out	
14	HSCHP	Run No.	P. In	P. out	Run No. 2	P. In 8.00	P. out 3.0	Run No. 2	P. In	P. out 0.60	
15	CDP	Run No.	P. In	P. out	Run No. 4	P. In 1.0	P. out 1.0	Run No. 4	P. In	P. out 1.80	
16	PCHP	Run No.	P. In	P. out	Run No. -	P. In -	P. out -	Run No. -	P. In -	P. out -	
13	Swimming Pool	PH	CL	Salt	PH 7.6	CL 1.5	Salt 3800	PH 7.6	CL 1.5	Salt 4300	
14	Jacuzzi			A / M / Off	7.8	1.0	A / M / Off	7.8	1.0	A / M / Off	
15	Server Room	Room Temp.		Normal / Abnormal	Room Temp.		Normal / Abnormal	Room Temp.		Normal / Abnormal	
Fire Pump System											
		Fire Engine	Jockey pump	Water Pressure	Fire Engine	Jockey pump	Water Pressure	Fire Engine	Jockey pump	Water Pressure	
16	Fire pump & Jockey Pump at Basement floor	A / M / Off	A / M / Off	/	A / M / Off	A / M / Off	300 1800	A / M / Off	A / M / Off	300 1800	







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## Engineering Department

## Daily Machinery &amp; System Inspection Report

Date

30-5-67

Item	Description	Morning				Afternoon				Night				Remark
		Normal	Abnormal	Level (M)	Pressure (M)	Normal	Abnormal	Level (M)	Pressure (M)	Normal	Abnormal	Level (M)	Pressure (M)	
1	Rooftop Water Tank					✓		4		✓		T	H	
2	Cooling Tower no. 1			A / M / Off		✓		(A) / M / Off		✓		-	(A) / M / Off	
3	Bleed Off Blowdown			Conduct		Tank 190/190	PH 6.9	Conduct 1		Tank 190/190	PH 5.9	Conduct 17.6		
4	Television System					✓				✓		-		
Heat Pump System		Supply T.	Return T.	Pump Status		Supply T.	Return T.	Pump Status		Supply T.	Return T.	Pump Status		
5	Heat pump Zone 1 ( FL 28-FL 34 )			A / M / Off		47	48	(A) / M / Off		58	52	(A) / M / Off		
6	Heat pump Zone 2 ( FL 21-FL 27 )			A / M / Off		52	50	(A) / M / Off		52	55	(A) / M / Off		
7	Heat pump Zone 3 ( FL 14-FL 20 )			A / M / Off		47	48	(A) / M / Off		47	48	(A) / M / Off		
8	Heat pump Zone 4 ( FL 5-FL 12 )			A / M / Off		52	50	(A) / M / Off		53	51	(A) / M / Off		
9	Heat pump Zone 5 ( G - FL 4 )			A / M / Off		48	50	(A) / M / Off		48	50	(A) / M / Off		
10	Booster Pump Room			A / M / Off		45	10	(A) / M / Off		40	10	(A) / M / Off		
11	Electrical Main Meter					✓				✓		-		
Chiller Plant System		Load %	Chilled Temp	Condensor Temp		Load %	Chilled Temp	Condensor Temp		Load %	Chilled Temp	Condensor Temp		
12	Chiller Running no. 1					91.7	54.5/49.9	83.7/94.9		91.07	53.3/47.7	82.6/94.4		
13	LSCHP	Run No.	P. in	P. out		Run No. 1	P. in 150	P. out -		Run No. 1	P. in 180	P. out -		
14	HSCHP	Run No.	P. in	P. out		Run No. 2	P. in 150	P. out 200		Run No. 1	P. in 150	P. out 210		
15	CDP	Run No.	P. in	P. out		Run No. 2	P. in 150	P. out 180		Run No. 2	P. in 165	P. out 175		
16	PCHP	Run No.	P. in	P. out		Run No. -	P. in -	P. out -		Run No. -	P. in -	P. out -		
13	Swimming Pool	PH	CL	Salt		PH 7.6	CL 1.5	Salt 4100		PH 7.6	CL 1.5	Salt 3200		
14	Jacuzzi			A / M / Off		7.6	3.0	(A) / M / Off		7.6	1.5	(A) / M / Off		
15	Server Room	Room Temp.	Normal / Abnormal			Room Temp.	Normal / Abnormal			Room Temp.	Normal / Abnormal			
Fire Pump System		Fire Engine	Jockey pump	Water Pressure		Fire Engine	Jockey pump	Water Pressure		Fire Engine	Jockey pump	Water Pressure		
16	Fire pump & Jockey Pump at Basement floor	A / M / Off	A / M / Off	/		(A) / M / Off	(A) / M / Off	300 1300		(A) / M / Off	(A) / M / Off	300 1350		

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	Water Level	Condition	WP No. 1 / No.	Water Level	Condition	WP No. 2 / No.	Water Level	Condition
17 Cold water Pump at Basement floor	L / M / H		A / M / OFF	L / M / H		(A) / M / OFF	L / M / H	
18 Softener System( Hardness /Brine tank/ Status )	PPM	Level	L1 / L2	PPM	Level 500	(L1) / L2	Level	400
19 Boiler System	Running No.	Pressure	Blowdown	Running No.	Pressure	Blowdown	Pressure	Blowdown
				1	110		1	110
20 Equalization Pump EQP-1, EQP-2	Running No.	Pump Status	System	Running No.	Pump Status	System	Running No.	Pump Status
21 Ejector Pump EJ-1		A / M / OFF	Normal / Abnormal	2	(A) / M / OFF	Normal / Abnormal	1	A / M / OFF
22 Effluent Pump EFP-1, EFP-2		A / M / OFF	Normal / Abnormal	-	(A) / M / OFF	Normal / Abnormal	-	A / M / OFF
23 Aerator Pump A-1, A-2, A-3		A / M / OFF	Normal / Abnormal	-	(A) / M / OFF	Normal / Abnormal	1	A / M / OFF
24 Air Lift Solenoid SV-1, SV-2, SV-3		A / M / OFF	Normal / Abnormal	1,2,3	(A) / M / OFF	Normal / Abnormal	1,2,3	A / M / OFF
25 Sludge Pump SLP-1, SLP-2		A / M / OFF	Normal / Abnormal	1	(A) / M / OFF	Normal / Abnormal	1	A / M / OFF
		A / M / OFF	Normal / Abnormal	-	(A) / M / OFF	Normal / Abnormal	-	A / M / OFF
Elevator System	Lighting	Push bottom	System	Lighting	Push bottom	System	Lighting	Push bottom
26 Hotel Guest Elevator no. P1, P2, P3, P4			Normal / Abnormal	1	1	Normal / Abnormal	✓	✓
27 Hotel Staff Service Elevator no. S1, S2			Normal / Abnormal	1	1	Normal / Abnormal	✓	✓
28 Car Park Guest Elevator no. P1, P2			Normal / Abnormal	1	1	Normal / Abnormal	✓	✓
29 Car Park Staff Elevator no. S1			Normal / Abnormal	1	1	Normal / Abnormal	✓	✓
LPG Station / Water LV M A	LINE 1	LINE 2	SPARE	LINE 1	LINE 2	SPARE	LINE 1	LINE 2
30 Main KC	70			2	2	0	2	2
31 Canteen	75			2	2	0	2	2
32 Laundry	60			6	6	6/12	6	6

Reported by

Shift A:

Brown

ACE

Heelers

DOE

282

Shift B:

Bank

9 A12

Shift C:



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## Engineering Department

## Daily Machinery &amp; System Inspection Report

Date 7/5/67

Item	Description	Morning				Afternoon				Night				Remark
		Normal	Abnormal	Level (mm)	Cond.	Normal	Abnormal	Level (mm)	Cond.	Normal	Abnormal	Level (mm)	Cond.	
1	Rooftop Water Tank				A / M / Off				A / M / Off				H	
2	Cooling Tower no.													A / M / Off
3	Bleed Off Blowdown				PH				PH 8.6				PH 9.5	Conduct 1439
4	Television System								Conduct 1336					
Heat Pump System		Supply T.	Return T.	Pump Status		Supply T.	Return T.	Pump Status		Supply T.	Return T.	Pump Status		
5	Heat pump Zone 1 ( FL 28-FL 34 )				A / M / Off	49	80	A / M / Off	A / M / Off	49	51	A / M / Off		
6	Heat pump Zone 2 ( FL 21-FL 27 )				A / M / Off	43	45	A / M / Off	A / M / Off	44	45	A / M / Off		
7	Heat pump Zone 3 ( FL 14-FL 20 )				A / M / Off	48	49	A / M / Off	A / M / Off	49	49	A / M / Off		
8	Heat pump Zone 4 ( FL 5-FL 12 )				A / M / Off	51	48	A / M / Off	A / M / Off	50	47	A / M / Off		
9	Heat pump Zone 5 ( G - FL 4 )				A / M / Off	50	43	A / M / Off	A / M / Off	51	44	A / M / Off		
10	Booster Pump Room				A / M / Off	45	10	A / M / Off	A / M / Off	43	10	A / M / Off		
11	Electrical Main Meter													
Chiller Plant System		Load %	Chilled Temp.	Condenser Temp.		Load %	Chilled Temp.	Condenser Temp.		Load %	Chilled Temp.	Condenser Temp.		
12	Chiller Running no.					80.5				82.9				
13	LSCHP	Run No.	P. in	P. out		Run No. 1	P. in 150	P. out —		Run No. 1	P. in 150	P. out —		
14	HSCHP	Run No.	P. in	P. out		Run No. 2	P. in 150	P. out 820		Run No. 2	P. in 150	P. out 230		
15	CDP	Run No.	P. in	P. out		Run No. 2	P. in 150	P. out 180		Run No. 2	P. in 150	P. out 185		
16	PCHP	Run No.	P. in	P. out		Run No. —	P. in —	P. out —		Run No. —	P. in —	P. out —		
13	Swimming Pool	PH	CL	Salt		PH 7.6	CL 10	Salt		PH 7.6	CL 1.5	Salt 4000		
14	Jacuzzi			A / M / Off		7.7	1.5	A / M / Off		7.6	7.0	A / M / Off		
15	Server Room	Room Temp.		Normal / Abnormal		Room Temp.		Normal / Abnormal		Room Temp.		Normal / Abnormal		
Fire Pump System		Fire Engine	Jockey pump	Water Pressure		Fire Engine	Jockey pump	Water Pressure		Fire Engine	Jockey pump	Water Pressure		
16	Fire pump & Jockey Pump at Basement floor	A / M / Off	A / M / Off	/		A / M / Off	A / M / Off	300 1200		A / M / Off	A / M / Off	280 1250		

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	Water Level	Condition	WP No. 1 / No.	Water Level	Condition	WP No. 2 / No.	Water Level	Condition	WP No. 3 / No.
17 Cold water Pump at Basement floor	L / M / H		A / M / Off	L / M / H		C / M / Off	L / M / H		A / M / Off
18 Softener System( Hardness /Brine tank/ Status )	PPM	Level	L1 / L2	PPM	Level 500	L1 / L2	PPM	Level 500	L1 / L2
19 Boiler System	Running No.	Pressure	Blowdown	Running No.	Pressure	Blowdown	Running No.	Pressure	Blowdown
				2	110		2	off	-
20 Equalization Pump EQP-1, EQP-2		A / M / Off	Normal / Abnormal	1	A / M / Off	Normal / Abnormal		A / M / Off	Normal / Abnormal
21 Ejector Pump EJ-1		A / M / Off	Normal / Abnormal	-	A / M / Off	Normal / Abnormal	-	A / M / Off	Normal / Abnormal
22 Effluent Pump EFP-1, EFP-2		A / M / Off	Normal / Abnormal	-	A / M / Off	Normal / Abnormal	-	A / M / Off	Normal / Abnormal
23 Aerator Pump A-1, A-2, A-3		A / M / Off	Normal / Abnormal	192.3	A / M / Off	Normal / Abnormal	12	A / M / Off	Normal / Abnormal
24 Air Lift Solenoid SV-1, SV-2, SV-3		A / M / Off	Normal / Abnormal	-	A / M / Off	Normal / Abnormal	-	A / M / Off	Normal / Abnormal
25 Sludge Pump SLP-1, SLP-2		A / M / Off	Normal / Abnormal	-	A / M / Off	Normal / Abnormal	-	A / M / Off	Normal / Abnormal
<b>Elevator System</b>									
26 Hotel Guest Elevator no. P1, P2, P3, P4	Lighting	Push bottom	System	Lighting	Push bottom	System	Lighting	Push bottom	System
27 Hotel Staff Service Elevator no. S1, S2			Normal / Abnormal	1	1	Normal / Abnormal	✓	✓	Normal / Abnormal
28 Car Park Guest Elevator no. P1, P2			Normal / Abnormal	1	1	Normal / Abnormal	✓	✓	Normal / Abnormal
29 Car Park Staff Elevator no. S1			Normal / Abnormal	1	1	Normal / Abnormal	✓	✓	Normal / Abnormal
LPG Station / Water LV	LINE 1	LINE 2	SPARE	LINE 1	LINE 2	SPARE	LINE 1	LINE 2	SPARE
30 Main KC	---	---		2	2	0	2	2	0
31 Canteen	---	---		2	2	6	2	2	0
32 Laundry	---	---		6	6	6/2	6	6	6

Reported by

Shift A:

Breene

Shift B:

Park

Shift C:

Tringano

ACE

Mues

DOE

283



Date 23/1/24

Item	Description	Morning			Afternoon			Night			Remark
		Normal	Abnormal	Remarks	Normal	Abnormal	Remarks	Normal	Abnormal	Remarks	
1	Rooftop Water Tank	✓	-	H	✓	-	H	✓	-	H	
2	Cooling Tower no. 1, 2, 3, 4	✓	-	A/M / Off	✓	-	A/M / Off	✓	-	A/M / Off	
3	Bleed Off Blowdown	Tank 20/200	PH 6.7	Conduct 2000	Tank 20/200	PH 0.7	Conduct 2000	Tank 200/100	PH 7.05	Conduct 2000	
4	Television System	✓	-		✓	-		✓	-		
Heat Pump System											
5	Heat pump Zone 1 (FL 20-FL 34)	47	51	A/M / Off	52	46	A/M / Off	49	51	A / M / Off	
6	Heat pump Zone 2 (FL 21-FL 27)	45	44	A/M / Off	45	43	A/M / Off	40	42	A / M / Off	
7	Heat pump Zone 3 (FL 14-FL 20)	46	45	A/M / Off	48	44	A/M / Off	44	45	A / M / Off	
8	Heat pump Zone 4 (FL 5-FL 12)	48	49	A/M / Off	54	47	A/M / Off	50	48	A / M / Off	
9	Heat pump Zone 5 (G-FL 4)	42	51	A/M / Off	52	46	A/M / Off	49	48	A / M / Off	
10	Booster Pump Room	44	16	A/M / Off	44	10	A/M / Off	44	10	A/M / Off	
11	Electrical Main Meter	✓	-		✓	-		✓	-		
Chiller Main System											
12	Chiller Running no. 4	89.5	612/460	612/459	89.5	612/460	612/459	77	50.8/454	85.5/41	
13	LSCHP	Run No. 2	P. In 200	P. out 254	Run No. 2	P. In 200	P. out 254	Run No. 2	P. In 200	P. out 255	
14	HSCHP	Run No. 2	P. In 200	P. out 253	Run No. 2	P. In 200	P. out 253	Run No. 2	P. In 200	P. out 255	
15	CDP	Run No. 4	P. In 200	P. out 175	Run No. 4	P. In 200	P. out 175	Run No. 4	P. In 160	P. out 175	
16	PCHP	Run No. -	P. In -	P. out -	Run No. -	P. In -	P. out -	Run No. -	P. In -	P. out -	
13	Swimming Pool	PH 7.6	CL 3.0	Salt 3100	PH 9.6	CL 2.2	Salt	PH 7.8	CL 1.0	Salt	
14	Jacuzzi	7.6	1.0	A / M / Off	7.6	2.2	A / M / Off	7.5	0.2	A / M / Off	
15	Server Room	Room Temp. 18-20	Normal / Abnormal	Normal / Abnormal	Room Temp. 20	Normal / Abnormal	Normal / Abnormal	Room Temp.	Room Temp.	Normal / Abnormal	
Fire Pump System											
16	Fire pump & Jockey Pump at Basement floor	Fire Engine	Jockey pump	Water Pressure	Fire Engine	Jockey pump	Water Pressure	Fire Engine	Jockey pump	Water Pressure	
		A / M / Off	A / M / Off	240 / 220	A / M / Off	A / M / Off	220 / 250	A / M / Off	A / M / Off	250 / 250	



	Water Level	Condition	WP No. 1 / No.	Water Level	Condition	WP No. 2 / No.	Water Level	Condition	WP No. 1 / No. 2
17 Cold water Pump at Basement floor	L / M / H		A / M / Off	L / M / H		A / M / Off	L / M / H		A / M / Off
18 Softener System( Hardness /Brine tank/ Status )	PPM	Level	L1 / L2	PPM	Level	L1 / L2	PPM	Level	L1 / L2
19 Boiler System	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown
	1	0.5	7	1	0.5	7			
20 Equalization Pump EQP-1, EQP-2	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown
21 Ejector Pump EJ-1	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown
22 Effluent Pump EFP-1, EFP-2	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown
23 Aerator Pump A-1, A-2, A-3	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown
24 Air Lift Solenoid SV-1, SV-2, SV-3	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown
25 Sludge Pump SLP-1, SLP-2	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown	Running No.	Pressure	Shutdown
26 Hotel Guest Elevator no. P1, P2, P3, P4	Lighting	Push button	System	Lighting	Push button	System	Lighting	Push button	System
27 Hotel Staff Service Elevator no. S1, S2	Lighting	Push button	System	Lighting	Push button	System	Lighting	Push button	System
28 Car Park Guest Elevator no. P1, P2	Lighting	Push button	System	Lighting	Push button	System	Lighting	Push button	System
29 Car Park Staff Elevator no. S1	Lighting	Push button	System	Lighting	Push button	System	Lighting	Push button	System
LPG Station / Water LV M A	LINE 1	LINE 2	SPARE	LINE 1	LINE 2	SPARE	LINE 1	LINE 2	SPARE
30 Main KC	4	2	0	2	2	0	2	2	0
31 Canteen	4	2	0	2	2	0	2	2	0
32 Laundry	4	4	0	12	6	0	12	6	0

Reported by

Shift A:

Shift B:

Shift C:

ACE

DOE



ภาพประกอบการปฏิบัติงาน โรงแรม แมริออท เอ็กเซ็กคิวทีฟ อพาร์ทเมนต์ ประจำเดือน มิถุนายน 2567





ภาพประกอบการปฏิบัติงาน โรงแรม แมริออท เอ็กเซ็กคิวทีฟ อพาร์ทเมนต์ ประจำเดือน มิถุนายน 2567

