

ภาคผนวก ค-2

Master Plan for Preventive Maintenance



Jardine Schindler (Thai) Ltd.
Routine Maintenance Schedule
For January - December 2024



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																																		
February																																		
March																																		
April																																		
May																																		
June																																		
July																																		
August																																		
September																																		
October																																		
November																																		
December																																		

Prepared by :

Theerawat W.

(Service Sup. / Eng.)

Approved by :

(Client or Client's Representative)

Date :

/ /

Date :

/ /



บริษัท อินทรีเกรท อินเตอร์เนชั่นแนล จำกัด
Integrate Security Architect Co., Ltd.
47/14 ซอยรามคำแหง 102 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10600

47/14 ซอยรามคำแหง 102 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

แผนงานตรวจเช็คและบำรุงรักษาแบบสัปดาห์แห่งเหตุเพลิงไหม้ 2566-2567

โครงการ : Marriott Executive Apartment Sukhumvit 24

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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

Handwritten signature and date:
25/8/2024



บริษัท แอพร็อช เอ็นจิเนียริ่ง จำกัด

APPROACH ENGINEERING CO., LTD.

508/132 ถนนนครราชสีมา แขวงตลาดพร้าว เขตตลาดพร้าว กรุงเทพมหานคร 10230

Tel.: 02-553-2641, 02-553-2638-9 Fax.: 02-553-2642 e-mail: sales@nscooling.com

สำนักงานใหญ่



COOLING TOWER

Project : Marriott Executive Apartments Sukhumvit Park-Bangkok

Date : 1 January 2024 - 31 December 2024

Yearly Planning Preventive Maintenance

ลำดับ	รายการ	ม.ค.-24				ก.พ.-24				มี.ค.-24				เม.ย.-24				พ.ค.-24				พ.ค.-24				ก.ค.-24				ธ.ค.-24				ม.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																																				
น้ำ COOLING TOWER																																					
น้ำ FILLING																																					
Remark		Cooling Tower Model " NC 8325 CI x 4 Sets "																																			

เข้า Service Cooling Tower ทุก 2 เดือน : 6 ครั้ง/ปี

เข้าล้าง Cooling Tower ทุก 4 เดือน : 3 ครั้ง/ปี

เข้าล้าง Pilling 6 เดือน : 1 ครั้ง/ปี

Date

31/7/24

Item	Description	Morning		Afternoon		Night		Remark
1	Rooftop Water Tank	/	-	/	-	/	-	M
2	Cooling Tower no. 1, 2, 3, 4	/	-	/	-	/	-	(A) / M / Off
3	Bleed Off Blowdown	Tank 140/170	PH 7.0	Tank 140/170	PH 7.0	Tank 170/170	PH 7.0	Conduct 1522 ✓
4	Television System	/	-	/	-	/	-	
Chiller Plant System								
5	Heat pump Zone 1 (FL 28-FL 34)	47	54	49	47	48	47	(A) / M / Off
6	Heat pump Zone 2 (FL 21-FL 27)	42	44	41	45	43	45	(A) / M / Off
7	Heat pump Zone 3 (FL 14-FL 20)	50	51	50	50	49	49	(A) / M / Off
8	Heat pump Zone 4 (FL 5-FL 12)	46	46	47	45	45	43	(A) / M / Off
9	Heat pump Zone 5 (G - FL 4)	44	50	50	45	50	48	(A) / M / Off
10	Booster Pump Room	43	10	43	10	43	10	(A) / M / Off
11	Electrical Main Meter	/	-	/	-	/	-	-
12	Chiller Running no. A	87.4	51.4/46.0	89.2/41	51.1/46.2	67.3/41	49.7/46.0	Chilled Temp Condenser Temp P. in 200 P. out 275 P. in 200 P. out 275 P. in 165 P. out 180 P. in - P. out -
13	LSCHP	Run No. 2	P. in 200 P. out 270	Run No. 2	P. in 200 P. out 270	Run No. 2	P. in 200 P. out 275	
14	HSCHP	Run No. 2	P. in 200 P. out 270	Run No. 2	P. in 200 P. out 270	Run No. 2	P. in 200 P. out 275	
15	CDP	Run No. 3	P. in 160 P. out 190	Run No. 3	P. in 160 P. out 190	Run No. 3	P. in 165 P. out 180	
16	PCHP	Run No. -	P. in - P. out -	Run No. -	P. in - P. out -	Run No. -	P. in - P. out -	
13	Swimming Pool	PH 7.8	CL 3.0	PH 7.8	CL 1.5	PH 7.8	CL 1.5	Salt 4000
14	Jacuzzi	6.2	1.5	7.2	1.5	7.6	1.5	(A) / M / Off
15	Server Room	Room Temp. 18'-20'	Normal/Abnormal	Room Temp. 19'C	Normal/Abnormal	Room Temp. 19-20'C	Normal/Abnormal	
Fire Pump System								
16	Fire pump & Jockey Pump at Basement floor	(A) / M / Off	Jockey pump Water Pressure 260 / 250	Fire Engine Jockey pump Water Pressure 230 / 220	Room Temp. 19'C	Fire Engine Jockey pump Water Pressure 230 / 220	Jockey pump Water Pressure 280 / 280	

	Water Level	Condition	W/P No. 1/ No.	Water Level	Condition	W/P No. 1/ No.	Water Level	Condition	W/P No. 1/ No. 2
17	Cold water Pump at Basement floor	L / M / H	-	L / M / H	-	A / M / F	L / M / H	-	A / M / Off
18	Softener System(Hardness /Brine tank/ Status)	PPM	Level 200	PPM	Level 200	LQ / L2	PPM	Level 700	(L) / L2
19	Boiler System	2.2	0.78	2	0.8	-	2	off	Electrical
20	Equalization Pump EQP-1, EQP-2	1.2	(A) / M / Off	Normal / Abnormal	(A) / M / Off	Normal / Abnormal	1.2	(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	1.2, 3	(A) / M / Off	Normal / Abnormal	(A) / M / Off	Normal / Abnormal	1.2	(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	1.2, 3	(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
26	Hotel Guest Elevator no. P1, P2, P3, P4	Lighting	Push bottom	System	Lighting	Push bottom	System	Lighting	Push bottom
27	Hotel Staff Service Elevator no. S1, S2	Lighting	Push bottom	System	Lighting	Push bottom	System	Lighting	Push bottom
28	Car Park Guest Elevator no. P1, P2	Lighting	Push bottom	System	Lighting	Push bottom	System	Lighting	Push bottom
29	Car Park Staff Elevator no. S1	Lighting	Push bottom	System	Lighting	Push bottom	System	Lighting	Push bottom
LPG Station / Water LV	M	A	LINE 1	LINE 2	SPARE	LINE 1	LINE 2	SPARE	LINE 1
30	Main KC	A	60	70	2	2	2	2	2
31	Canteen	A	70	70	2	2	2	2	2
32	Laundry	10	70	60	5	5	5	5	3

Reported by [Signature]
Shift A: _____

ACE _____

DOE _____

Shift B: Boy

Shift C: [Signature] 11/05/21

Date 1-8-24

Item	Description	Morning		Afternoon		Night		Remark
		Normal	Abnormal	Normal	Abnormal	Normal	Abnormal	
1	Rooftop Water Tank	/	-	/	H	✓	-	M
2	Cooling Tower no. 1, 2, 3, 4	/	-	/	A/M / Off	✓	-	A/M / Off
3	Bleed Off Blowdown	Tank 200/200 PH 7.0	Conduct 450	Tank 200/200 PH 0.765	Conduct 174	Tank 200/200	PH 6.7	Conduct 1486
4	Television System	/	-	/	-	-	-	-
		Supply T.	Return T.	Supply T.	Return T.	Supply T.	Return T.	Supply T.
5	Heat pump Zone 1 (FL 28-FL 34)	49	51	49	A/M / Off	48	47	A/M / Off
6	Heat pump Zone 2 (FL 21-FL 27)	48	47	45	A/M / Off	42	42	A/M / Off
7	Heat pump Zone 3 (FL 14-FL 20)	50	50	51	A/M / Off	49	48	A/M / Off
8	Heat pump Zone 4 (FL 5-FL 12)	44	49	45	A/M / Off	41	41	A/M / Off
9	Heat pump Zone 5 (G - FL 4)	42	50	48	A/M / Off	50	38	A/M / Off
10	Booster Pump Room	44	10	44	A/M / Off	43	10	A/M / Off
11	Electrical Main Meter	✓	-	✓	-	✓	-	-
		Load %	Chilled Temp	Load %	Chilled Temp	Load %	Chilled Temp	Condensor Temp
12	Chiller Running no. A	85.8	51.5/46.2	73.4	50.5/46.2	64.7/1	49.4/46.0	86.6/90.5
13	LSCHP	Run No. 2	P. in 205	Run No. 2	P. in 200	Run No. 2	P. in 200	P. out 270
14	HSCHP	Run No. 2	P. in 205	Run No. 2	P. in 200	Run No. 2	P. in 200	P. out 265
15	CDP	Run No. 3	P. in 160	Run No. 3	P. in 160	Run No. 3	P. in 165	P. out 170
16	PCHP	Run No. -	P. in -	Run No. -	P. in -	Run No. -	P. in -	P. out -
13	Swimming Pool	PH 7.9	CL 8.0	PH 7.2	CL 1.0	PH 7.6	CL 1.5	Salt 4000
14	Jacuzzi	7.8	1.0	6.8	0.2	7.2	1.0	A/M / Off
15	Server Room	Room Temp. 19.1	Normal/Abnormal	Room Temp.	Normal/Abnormal	Room Temp.	19-20°C	Normal/Abnormal
		Fire Engine	Jockey pump	Fire Engine	Jockey pump	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	A/M / Off	A/M / Off	270 / 270

		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 700	(L) L2	PPM	Level 700	L1 / L2	- PPM	Level 700	(L) L2
19	Boller System	2.2	0.78	-	2	0.8	-	2	off	-
20	Equalization Pump EQP-1, EQP-2	1.2	(A) M / Off	Normal / Abnormal	-	(A) M / Off	Normal / Abnormal	1.2	(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	2	(A) M / Off	Normal / Abnormal
23	Aerator Pump A-1, A-2, A-3	1.2, 3	(A) M / Off	Normal / Abnormal	1.2, 3	(A) M / Off	Normal / Abnormal	1.3	(A) M / Off	Normal / Abnormal
24	Air Lift Solenoid SV-1, SV-2, SV-3	1.2	(A) M / Off	Normal / Abnormal	2.3	(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
26	Hotel Guest Elevator no. P1, P2, P3, P4	/	/	Normal / Abnormal	/	/	Normal / Abnormal	/	/	Normal / Abnormal
27	Hotel Staff Service Elevator no. S1, S2	/	/	Normal / Abnormal	/	/	Normal / Abnormal	/	/	Normal / Abnormal
28	Car Park Guest Elevator no. P1, P2	/	/	Normal / Abnormal	/	/	Normal / Abnormal	/	/	Normal / Abnormal
29	Car Park Staff Elevator no. S1	/	/	Normal / Abnormal	/	/	Normal / Abnormal	/	/	Normal / Abnormal
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	-	2	2	0	2	2	0
31	Canteen	4	2	-	2	2	0	2	2	0
32	Laundry	10	5	4	0	6	7	6	5/6	1

Reported by



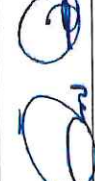
Shift A:

Shift B:

Shift C:

ACE

DOE

223

Marriott Executive Apartment Sukhumvit Park Bangkok Engineering Daily Log Sheet

30/9/24

No.	Floor	System:	Morning Shift			Afternoon Shift			Night Shift		
1	35	Cooling Tower	Conduct	PH	CL	Conduct	PH	CL	Conduct	PH	CL
			1490	2.0	0.1	1476	7.0	0.1	1476	7.0	0.1
2		MATV	All Chanel Status			All Chanel Status			All Chanel Status		
			Normal			Normal			N		
3		Booster Pump	Psi In	Psi Out	CL	Psi In	Psi Out	CL	Psi In	Psi Out	CL
			10	23	0.1	44	10	0.1	44	10	0.1
4		Roof Tank LV.	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			✓	—	—	✓	—	—	✓	—	—
5	27	PRV	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			65	22	Normal	55	40	N	55	22	N
6	20		Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			98	24	Normal	95	24	N	95	29	N
7	12		Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			130	38	Normal	135	22	N	130	35	N
8	4M		Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			200	45	Normal	200	46	N	200	45	N
9	1.	Chiller	Evap Enter	Evap Leave	Evap AT	Evap Enter	Evap Leave	Evap AT	Evap Enter	Evap Leave	Evap AT
			54.2	48.4	3.06	50.6	46	2.3	50.6	46	2.3
			Con Enter	Con Leave	Con AT	Con Enter	Con Leave	Con AT	Con Enter	Con Leave	Con AT
			87.5	94.0	2.10	85.8	90.8	1.4	85.8	90.8	1.4
11			Setpoint	Load %		Setpoint	Load %		Setpoint	Load %	
			46.0	93.3		46	83.8		46	83.8	N
12		PCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			—	—	—	—	—	—	—	—	—
13		HSCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			208	279	Normal	200	270	N	200	270	N
14		LSCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			290	275	Normal	200	270	N	200	270	N
15		CDP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			160	170	Normal	160	180	N	160	180	N
16	4	HP #1	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			50	52	50	50	52	50	52	50	50
17		HP #2	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			48	42	46	48	47	48	49	49	30
18		HP #3	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			51	52	48	51	52	48	51	53	50
19		HP #4	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			51	53	46	51	53	46	52	51	51
20		HP #5	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			43	50	42	43	50	42	42	51	53
21	MDB	MDB	MDB1 ON	MDB2 ON	PF	MDB1 ON	MDB2 ON	PF	MDB1 ON	MDB2 ON	PF
			✓	✓	0.97/0.94	✓	✓		✓	✓	
22			L1	L2	L3	L1	L2	L3	L1	L2	L3
			394	398	396	392	393	393	395	292	393
23			TR1 Temp	TR2 Temp	Temp	TR1 Temp	TR2 Temp	Temp	TR1 Temp	TR2 Temp	Temp
			42	50	24	42	50	24	42	50	24
24			ATS On	ATS Auto	RH	ATS On	ATS Auto	RH	ATS On	ATS Auto	RH
			✓	✓	58	✓	✓	58	✓	✓	58
25		Generator	CB ON	Auto	Oil LV	CB ON	Auto	Oil LV	CB ON	Auto	Oil LV
			✓	✓	2650	✓	✓	2650	✓	✓	—

26	3	Pool	CL	PH	Status	CL	PH	Status	CL	PH	Status
			1.5	7.9	Normal	1.5	7.3	N			N
27			Salt 1	Salt 2	Salt Pool	Salt 1	Salt 2	Salt Pool	Salt 1	Salt 2	Salt Pool
			4100	2900	4200	4100	2900	4200	4100	2900	4200
28		Jacuzzi	CL	PH	Status	CL	PH	Status	CL	PH	Status
			2.0	7.6	Normal	1.5	7.2	N			
29			Salt 1	Salt Pool	Setting	Salt 1	Salt Pool	Setting	Salt 1	Salt Pool	Setting
			-	4400	30%		4600	10	-	2400	30
30	2	Server Room	Temp	RH	UPS Stat	Temp	RH	UPS Stat	Temp	RH	UPS Stat
						22.2	46	N	22.2	46	N
31	G	Main KC Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
			2	2	-	2	2	-	2	2	0
32		Canteen Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
			2	2	-	2	2	-	2	2	0
33		LD Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
			6	6	6				6	8	0
34	G	WWTP	EQ	EJ	Aerator	EQ	EJ	Aerator	EQ	EJ	Aerator
			1.2	-	1.2/3	1.2	-	2.3	1.2	-	1.2/3
35			EFP	Air Lift	Air Comp	EFP	Air Lift	Air Comp	EFP	Air Lift	Air Comp
			-	2	2	1.2	1.2/3	1	-	2	2
36			SWP LP	SWP M KC	SWP MtG	SWP LP	SWP M KC	SWP MtG	SWP LP	SWP M KC	SWP MtG
			1.2	-	-	1.2	-	-	1.2	-	-
37			SWP Can	DP MtG		SWP Can	DP MtG		SWP Can	DP MtG	
			-	0.2		-	-		-	0.2	
38		Boiler	No.	Pressure	Chemical	No.	Pressure	Chemical	No.	Pressure	Chemical
			R.2	0.7	24/29	2	0.64	23/29	-	-	-
39			Tank LV	Hardness	Stack Temp	Tank LV	Hardness	Stack Temp	Tank LV	Hardness	Stack Temp
			105	-	110	100	-	110	-	-	-
40			Water Psi	Time ON	Time OFF	Water Psi	Time ON	Time OFF	Water Psi	Time ON	Time OFF
			0.4	06.00	20.30	0.25	6.00	21.00	-	-	-
41		Elevator	P1	P2	P3	P1	P2	P3	P1	P2	P3
			Normal	Normal	Normal	N	N	N	N	N	N
42			P4	S1	S2	P4	S1	S2	P4	S1	S2
			Normal	Normal	Normal	N	N	N	N	N	N
43			CP1	CP2	SCP1	CP1	CP2	SCP1	CP1	CP2	SCP1
			Normal	Normal	Normal	N	N	N	N	N	N
44	B	CWP, SFP	CWP Auto	SNP Auto		CWP Auto	SNP Auto	CW Tank	CWP Auto	SNP Auto	CW Tank
			/	/		/	/	90%	/	/	
45		CW Tank	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			/	-	-	/	-	-	/	-	-
46		Soft Tank	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			/	-	-	/	-	-	/	-	-
47		Softener	L1/L2	Brine Tank	Hardness	L1/L2	Brine Tank	Hardness	L1/L2	Brine Tank	Hardness
			-	-	-	-	-	-	-	-	-
48		Chlorine	CW Tank	Soft Tank	Guest Room	CW Tank	Soft Tank	Guest Room	CW Tank	Soft Tank	Guest Room
			1.0	0.2	0.1	0.5	0.1	0.1	0.5	0.1	0.1
49		Fire Pump	Pressure	FP Auto	Jockey Auto	Pressure	FP Auto	Jockey Auto	Pressure	FP Auto	Jockey Auto
			260/260	/	/	300/300	/	/	260/260	/	/
50		Fire Tank	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			/	-	-	/	-	-	/	-	-

Morning ACE

Afternoon CE

Night ACE

Marriott Executive Apartment Sukhumvit Park Bangkok Engineering Daily Log Sheet

7/10/24

No.	Floor	System	Morning Shift			Afternoon Shift			Night Shift		
1	35	Cooling Tower	Conduct	PH	CL	Conduct	PH	CL	Conduct	PH	CL
			1490	7.0	0.1	1490	7.0	0.1	1460	6.8	1.0
2		MATV	All Chanel Status			All Chanel Status			All Chanel Status		
			Normal			N			N		
3	35	Booster Pump	Psi In	Psi Out	CL	Psi In	Psi Out	CL	Psi In	Psi Out	CL
			10	43	0.1	10	43	0.1	40	10	0.2
4	35	Roof Tank LV.	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			✓	-	-	✓	-	-	✓	-	-
5	27	PRV	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			52	35	Normal	52	35	N	52	35	N
6	20		Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			95	24	Normal	95	22	N	95	24	N
7	12	PRV	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			130	22	Normal	130	22	N	130	22	N
8	4M	PRV	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			200	45	Normal	200	45	N	200	46	N
9	10	Chiller	Evap Enter	Evap Leave	Evap AT	Evap Enter	Evap Leave	Evap AT	Evap Enter	Evap Leave	Evap AT
			52.0	26.6	2.70	52.0	26.6	2.70	49.50	25.90	2.10
10			Con Enter	Con Leave	Con AT	Con Enter	Con Leave	Con AT	Con Enter	Con Leave	Con AT
			95.2	92.1	2.00	95.2	92.1	2.00	84	88	0.90
11	10	Chiller	Setpoint	Load %		Setpoint	Load %		Setpoint	Load %	
			46.0	91.6		46.0	90.0		46	79.7	
12	10	PCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			-	-	-	-	-	-	-	-	-
13	10	HSCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			200	270	Normal	200	270	N	200	270	N
14	10	LSCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			200	265	Normal	200	265	N	200	268	N
15	10	CDP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			160	170	Normal	160	170	N	160	175	N
16	4	HP #1	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			49	54	48	49	54	48	56	53	44
17	4	HP #2	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			47	45	42	47	45	42	47	49	30
18	4	HP #3	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			51	53	49	51	53	49	53	51	50
19	4	HP #4	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			46	52	40	46	52	40	55	44	53
20	4	HP #5	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			47	49	54	47	49	54	39	49	53
21	22	MDB	MDB1 ON	MDB2 ON	PF	MDB1 ON	MDB2 ON	PF	MDB1 ON	MDB2 ON	PF
			✓	✓	0.98/0.95	✓	✓	0.98/0.95	✓	✓	0.98/0.96
22			L1	L2	L3	L1	L2	L3	L1	L2	L3
			391	394	392	391	392	392	393	394	394
23	24	MDB	TR1 Temp	TR2 Temp	Temp	TR1 Temp	TR2 Temp	Temp	TR1 Temp	TR2 Temp	Temp
			47	48	22	47	48	22	47	45	19.6
24	24	MDB	ATS On	ATS Auto	RH	ATS On	ATS Auto	RH	ATS On	ATS Auto	RH
			✓	✓	56	✓	✓	56	✓	✓	48
25	25	Generator	CB ON	Auto	Oil LV	CB ON	Auto	Oil LV	CB ON	Auto	Oil LV
			✓	✓	2700	✓	✓	2700	✓	✓	2700

26	3	Pool	CL	PH	Status	CL	PH	Status	CL	PH	Status
27			7.0	7.6	Normal	1.5	7.6	46	1.5	7.6	75
28			Salt 1	Salt 2	Salt Pool	Salt 1	Salt 2	Salt Pool	Salt 1	Salt 2	Salt Pool
29	3	Jacuzzi	7900	700	3700				3900	700	3700
30			CL	PH	Status	CL	PH	Status	CL	PH	Status
31			7.0	7.6	Normal	1.5	7.6	h	3.0	7.6	N
32	2	Server Room	Salt 1	Salt Pool	Setting	Salt 1	Salt Pool	Setting	Salt 1	Salt Pool	Setting
33			-	4100	70%				-	4100	30%
34			Temp	RH	UPS Stat	Temp	RH	UPS Stat	Temp	RH	UPS Stat
35	G	Main KC Gas	-	-	-	-	-	-	19.0	58.	N
36			Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
37			0	2	-	0	2	-	2	0	0
38	G	Canteen Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
39			2	2	-	2	2	-	2	0	0
40			Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
41	G	LD Gas	6	0	-	6	0	-	6	0	0
42			EQ	EJ	Aerator	EQ	EJ	Aerator	EQ	EJ	Aerator
43			1,2	-	1,2,3	1,2	-	1,2,3	1	-	1,2,3
44	G	WWTP	EFP	Air Lift	Air Comp	EFP	Air Lift	Air Comp	EFP	Air Lift	Air Comp
45			2	2	1	2	2	1	2	-	1
46			SWP LP	SWP M KC	SWP MtG	SWP LP	SWP M KC	SWP MtG	SWP LP	SWP M KC	SWP MtG
47	G	Boiler	1,2	-	-	1,2	-	-	1	1	-
48			SWP Can	DP MtG		SWP Can	DP MtG		SWP Can	DP MtG	
49			07/08	02		07/08	02		1	-	-
50	G	Boiler	No.	Pressure	Chemical	No.	Pressure	Chemical	No.	Pressure	Chemical
51			R.2	0.69	21/25	R.2	0.68		R.1	0.3	20/25
52			Tank LV	Hardness	Stack Temp	Tank LV	Hardness	Stack Temp	Tank LV	Hardness	Stack Temp
53	B	Elevator	100	-	120	1000	-	120	100	-	90
54			Water Psi	Time ON	Time OFF	Water Psi	Time ON	Time OFF	Water Psi	Time ON	Time OFF
55			0.28	06.00	20.30	0.26	06.00	21.30	0.03	600.	20.30
56	B	Elevator	P1	P2	P3	P1	P2	P3	P1	P2	P3
57			Normal	Normal	Normal	N	N	N	N	N	N
58			P4	S1	S2	P4	S1	S2	P4	S1	S2
59	B	Elevator	Normal	Normal	Normal	N	N	N	N	N	N
60			CP1	CP2	SCP1	CP1	CP2	SCP1	CP1	CP2	SCP1
61			Normal	Normal	Normal	N	N	N	N	N	N
62	B	Elevator	CWP Auto	SNP Auto		CWP Auto	SNP Auto	CW Tank	CWP Auto	SNP Auto	CW Tank
63			/	/		/	/		/	/	90%
64			Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
65	B	Elevator	/	-	-	/	-	-	/	-	-
66			Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
67			/	-	-	/	-	-	/	-	-
68	B	Elevator	LI / L2	Brine Tank	Hardness	LI / L2	Brine Tank	Hardness	LI / L2	Brine Tank	Hardness
69			-	-	-	-	-	-	-	-	-
70			-	-	-	-	-	-	-	-	-
71	B	Elevator	CW Tank	Soft Tank	Guest Room	CW Tank	Soft Tank	Guest Room	CW Tank	Soft Tank	Guest Room
72			1.0	0.1	0.1	1.0	0.1	0.1	1.5	0.2	0.2
73			Pressure	FP Auto	Jockey Auto	Pressure	FP Auto	Jockey Auto	Pressure	FP Auto	Jockey Auto
74	B	Elevator	260/250	/	/	260/250	/	/	300/200	/	/
75			Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
76			/	-	-	/	-	-	/	-	-

Morning

ACE

CE

Afternoon

Night

1/11/24

No.	Floor	System	Morning Shift			Afternoon Shift			Night Shift			
			Conduct	PH	CL	Conduct	PH	CL	Conduct	PH	CL	
1	35	Cooling Tower	1510	7.1	0.1	1510	7.1	0.1	1461	7.0	0.2	
2		MATV	All Chanel Status			All Chanel Status			All Chanel Status			
			Normal			N			N			
3		Booster-Pump	Psi In	Psi Out	CL	Psi In	Psi Out	CL	Psi In	Psi Out	CL	
4		Roof Tank LV.	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo	
5	27	PRV	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status	
6	20					55	40	N	54	42	N	
7	12					95	28	N	100	26	N	
8	4M					130	22	N	130	22	N	
9	4	Chiller	Evap Enter	Evap Leave	Evap AT	Evap Enter	Evap Leave	Evap AT	Evap Enter	Evap Leave	Evap AT	
10						51	46.3	1.6	50.7	46.0	1.7	
11			Con Enter	Con Leave	Con AT	Con Enter	Con Leave	Con AT	Con Enter	Con Leave	Con AT	
12						87.4	92.4	2	86.7	91.9	1.8	
13			Setpoint	Load %		Setpoint	Load %		Setpoint	Load %		
14						46	73.8		46.0	73.7		
15		PCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status	
16												
17		HSCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status	
18						200	265	N	205	275	N	
19		LSCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status	
20						200	265	N	205	265	N	
21		CDP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status	
22						160	180	N	145	250	N	
23		HP #1	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank	
24					42	50	48		49	46	43	
25		HP #2	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank	
26					30	40	45		41	44	45	
27		HP #3	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank	
28					49	51	49		52	51	48	
29		HP #4	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank	
30					49	49	47		48	46	45	
31		HP #5	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank	
32					50	50	49		49	44	50	
33		MDB	MDB1 ON	MDB2 ON	PF	MDB1 ON	MDB2 ON	PF	MDB1 ON	MDB2 ON	PF	
34								0.98/0.45			1.00/0.94	
35				L1	L2	L3	L1	L2	L3	L1	L2	L3
36							394	395	394	397	400	397
37				TR1 Temp	TR2 Temp	Temp	TR1 Temp	TR2 Temp	Temp	TR1 Temp	TR2 Temp	Temp
38							45	52	21.52	42	48	22
39			ATS On	ATS Auto	RH	ATS On	ATS Auto	RH	ATS On	ATS Auto	RH	
40								56			50	
41		Generator	CB ON	Auto	Oil LV	CB ON	Auto	Oil LV	CB ON	Auto	Oil LV	
42								2990			2990	

26	3	Pool	CL	PH	Status	CL	PH	Status	CL	PH	Status
27			Salt 1	Salt 2	Salt Pool	Salt 1	Salt 2	Salt Pool	Salt 1	Salt 2	Salt Pool
28						1.0	8.2	N	1.5	7.6	N
29		Jacuzzi	CL	PH	Status	CL	PH	Status	CL	PH	Status
30			Salt 1	Salt Pool	Setting	Salt 1	Salt Pool	Setting	Salt 1	Salt Pool	Setting
31						1.0	8.2	N	1.5	7.6	N
32	2	Server Room	Temp	RH	UPS Stat	Temp	RH	UPS Stat	Temp	RH	UPS Stat
33						21.8°C		N	19.5°C	44	N
34		Main KC Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
35	G	Canteen Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
36		LD Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
37						3	6	6	6	6	0
38	G	WWTP	EQ	EJ	Aerator	EQ	EJ	Aerator	EQ	EJ	Aerator
39			1,2	-	1,2,3	1,2	-	1,2,3	1,2	-	2,3
40			EFP	Air Lift	Air Comp	EFP	Air Lift	Air Comp	EFP	Air Lift	Air Comp
41			2	1	1	2	1	2	-	1	-
42			SWP LP	SWP M KC	SWP MtG	SWP LP	SWP M KC	SWP MtG	SWP LP	SWP M KC	SWP MtG
43			2	-	-	2	-	-	1,2	-	1
44		Boiler	SWP Can	DP MtG		SWP Can	DP MtG		SWP Can	DP MtG	
45			-	-		-	-		P04	2	
46			No.	Pressure	Chemical	No.	Pressure	Chemical	No.	Pressure	Chemical
47						1	0.64		2	off	24/30
48			Tank LV	Hardness	Stack Temp	Tank LV	Hardness	Stack Temp	Tank LV	Hardness	Stack Temp
49						160	-	125	-	-	off
50		Elevator	Water Psi	Time ON	Time OFF	Water Psi	Time ON	Time OFF	Water Psi	Time ON	Time OFF
51						0.25	6.00	21.00	-	66.00	21.00
52			P1	P2	P3	P1	P2	P3	P1	P2	P3
53			N	N	N	N	N	N	N	N	N
54			P4	S1	S2	P4	S1	S2	P4	S1	S2
55			N	N	N	N	N	N	N	N	N
56	B	CWP, SFP	CP1	CP2	SCP1	CP1	CP2	SCP1	CP1	CP2	SCP1
57			N	N	N	N	N	N	N	N	N
58		CW Tank	CWP Auto	SNP Auto		CWP Auto	SNP Auto	CW Tank	CWP Auto	SNP Auto	CW Tank
59			✓	✓	90%	✓	✓	90%	✓	✓	90%
60		Soft Tank	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
61			✓	-	-	✓	-	-	✓	-	-
62		Softener	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
63			✓	-	-	✓	-	-	✓	-	-
64	B	Chlorine	L1 / L2	Brine Tank	Hardness	L1 / L2	Brine Tank	Hardness	L1 / L2	Brine Tank	Hardness
65			-	-	-	-	-	-	-	-	-
66		Fire Pump	CW Tank	Soft Tank	Guest Room	CW Tank	Soft Tank	Guest Room	CW Tank	Soft Tank	Guest Room
67			0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.1	-
68	B	Fire Tank	Pressure	FP Auto	Jockey Auto	Pressure	FP Auto	Jockey Auto	Pressure	FP Auto	Jockey Auto
69			4	off	off	4	off	off	-	off	off
70	B	Fire Tank	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
71			✓	-	-	✓	-	-	✓	-	-

Morning 2622
 Afternoon BOY
 Night Tangmo

ACE _____

CE Q.S.

Marriott Executive Apartment Sukhumvit Park Bangkok Engineering Daily Log Sheet 21/2/24

No.	Floor	System	Morning Shift			Afternoon Shift			Night Shift		
1		Cooling Tower	Conduct	PH	CL	Conduct	PH	CL	Conduct	PH	CL
			1412	7.1	0.2	1557	7.0	0.2	1496	7.0	0.2
2		MATV	All Chanel Status			All Chanel Status			All Chanel Status		
			N			Normal			N		
3	35	Booster Pump	Psi In	Psi Out	CL	Psi In	Psi Out	CL	Psi In	Psi Out	CL
			1.0	43	0.2	10	43	0.2	10	43	0.2
4		Roof Tank LV.	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			✓	-	-	✓	-	-	✓	-	-
5	27	PRV	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			52	32	N	54	30	Normal	54	40	N
6	20		Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			95	26	N	95	24	Normal	100	24	N
7	12		Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			130	22	N	130	22	Normal	130	22	N
8	4M		Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			200	45	N	200	45	Normal	200	45	N
9		Chiller	Evap Enter	Evap Leave	Evap AT	Evap Enter	Evap Leave	Evap AT	Evap Enter	Evap Leave	Evap AT
			51.9	46	20	52.0	46.1	1.50	51.0	46.0	1.5
10			Con Enter	Con Leave	Con AT	Con Enter	Con Leave	Con AT	Con Enter	Con Leave	Con AT
			86.6	90.6	1.4	86.6	92.9	1.80	86.8	91.5	1.3
11			Setpoint	Load %		Setpoint	Load %		Setpoint	Load %	
			46	83.9		46.0	79.4		46.0	63.0	
12		PCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			200	-	N	-	-	-	-	-	-
13		HSCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			200	-	N	220	270	Normal	215	265	N
14		LSCHP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			200	-	N	215	-	Normal	210	-	N
15		CDP	Psi In	Psi Out	Status	Psi In	Psi Out	Status	Psi In	Psi Out	Status
			160	180	N	160	170	Normal	160	170	N
16		HP #1	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			55	49	59	46	59	52	51	45	59
17	4	HP #2	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			55	37	30	40	54	26	55	30	57
18		HP #3	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			61	49	60	51	59	54	51	47	59
19		HP #4	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			53	47	56	46	57	52	55	46	52
20		HP #5	Supply	Return	Tank	Supply	Return	Tank	Supply	Return	Tank
			50	38	52	47	48	50	50	40	51
21		MDB	MDB1 ON	MDB2 ON	PF	MDB1 ON	MDB2 ON	PF	MDB1 ON	MDB2 ON	PF
			✓	✓		✓	✓	0.95/0.94	✓	✓	100/0.94
22			L1	L2	L3	L1	L2	L3	L1	L2	L3
			393	396		394	397	396	394	398	394
23			TR1 Temp	TR2 Temp	Temp	TR1 Temp	TR2 Temp	Temp	TR1 Temp	TR2 Temp	Temp
			45	51	22	44	53	24	44	53	22°C
24			ATS On	ATS Auto	RH	ATS On	ATS Auto	RH	ATS On	ATS Auto	RH
			✓	✓	✓	✓	✓	66	✓	✓	52
25		Generator	CB ON	Auto	Oil LV	CB ON	Auto	Oil LV	CB ON	Auto	Oil LV
			✓	✓	2810	✓	✓	2810	✓	✓	2810

26	3	Pool	CL	PH	Status	CL	PH	Status	CL	PH	Status
			1.5	7.8	N	1.5	7.8	Normal	1.5	7.6	N
27			Salt 1	Salt 2	Salt Pool	Salt 1	Salt 2	Salt Pool	Salt 1	Salt 2	Salt Pool
					4300	4400	-	4300	4400	-	4500
28		Jacuzzi	CL	PH	Status	CL	PH	Status	CL	PH	Status
			3.0	7.8	N	3.0	7.8	Normal	1.5	7.6	N
29			Salt 1	Salt Pool	Setting	Salt 1	Salt Pool	Setting	Salt 1	Salt Pool	Setting
			-	4900	30+	-	4900	30+	-	4500	30+
30	2	Server Room	Temp	RH	UPS Stat	Temp	RH	UPS Stat	Temp	RH	UPS Stat
			19	52	N	19	92	Normal	20.5°C	46	N
31	G	Main KC Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
			2	2	-	2	2	-	2	2	0
32		Canteen Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
			2	2	-	2	2	-	2	2	0
33		LD Gas	Line 1	Line 2	Spare	Line 1	Line 2	Spare	Line 1	Line 2	Spare
			6	6	6	6	6	6	6	6	0
34		WWTP	EQ	EJ	Aerator	EQ	EJ	Aerator	EQ	EJ	Aerator
			1,2	-	1,2,3	1,2	-	1,2,3	1,2	-	2,3
35			EFP	Air Lift	Air Comp	EFP	Air Lift	Air Comp	EFP	Air Lift	Air Comp
			2	2,3	1	2	2,3	1	1	1,3	-
36			SWP LP	SWP M KC	SWP MtG	SWP LP	SWP M KC	SWP MtG	SWP LP	SWP M KC	SWP MtG
			-	-	-	-	-	-	-	-	-
37			SWP Can	DP MtG		SWP Can	DP MtG		SWP Can	DP MtG	
			08	02		08	02		08	02	
38	G	Boiler	No.	Pressure	Chemical	No.	Pressure	Chemical	No.	Pressure	Chem
			R.2	0.7	20/25	R.2	0.7	20/25	2	off	26/25
39			Tank LV	Hardness	Stack Temp	Tank LV	Hardness	Stack Temp	Tank LV	Hardness	Stack Temp
			10/5	-	120	10/5	-	120	105	-	off
40			Water Psi	Time ON	Time OFF	Water Psi	Time ON	Time OFF	Water Psi	Time ON	Time OFF
			0.25	06.00	2.150	0.25	06.00	21.30	-	06.00	21.30
41		Elevator	P1	P2	P3	P1	P2	P3	P1	P2	P3
			N	N	N	Normal	Normal	Normal	N	N	N
42			P4	S1	S2	P4	S1	S2	P4	S1	S2
			N	N	N	Normal	Normal	Normal	N	N	N
43			CP1	CP2	SCP1	CP1	CP2	SCP1	CP1	CP2	SCP1
			N	N	N	Normal	Normal	Normal	N	N	N
44		CWP, SFP	CWP Auto	SNP Auto		CWP Auto	SNP Auto	CW Tank	CWP Auto	SNP Auto	CW Tank
			/	02	90%	/	02	90%	✓	✓	90%
45			Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			/	-	-	/	-	-	✓	-	-
46		Soft Tank	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			/	-	-	/	-	-	✓	-	-
47	B	Softener	L1 / L2	Brine Tank	Hardness	L1 / L2	Brine Tank	Hardness	L1 / L2	Brine Tank	Hardn
			-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-
48		Chlorine	CW Tank	Soft Tank	Guest Room	CW Tank	Soft Tank	Guest Room	CW Tank	Soft Tank	Guest Room
			1.0	0.1	0.2	1.0	0.1	0.2	1.0	0.1	-
49		Fire Pump	Pressure	FP Auto	Jockey Auto	Pressure	FP Auto	Jockey Auto	Pressure	FP Auto	Jockey Auto
			-	/	/	262/120	/	/	240/100	✓	✓
50		Fire Tank	Hi	Me	Lo	Hi	Me	Lo	Hi	Me	Lo
			/	-	-	/	-	-	✓	-	-

Morning

Afternoon

Night

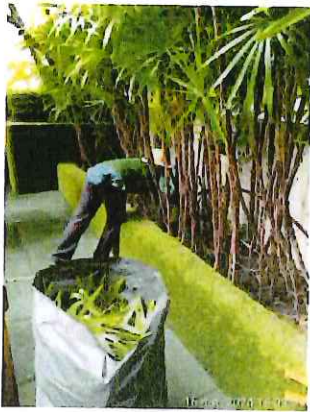
ACE

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ภาพประกอบการปฏิบัติงาน โรงแรม แมริออท เอ็กซีคิวทีฟ อพาร์ทเมนต์ ประจำเดือนกรกฎาคม 2567



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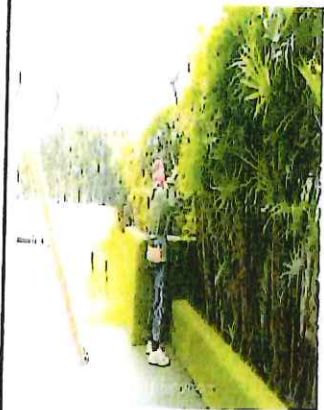
ภาพประกอบการปฏิบัติงาน โรงแรม แมริออท เอ็กเซ็กคิวทีฟ อพาร์ทเมนต์ ประจำเดือนพฤศจิกายน 2567



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