

ภาคผนวก ข-9

ระบบป้องกันและแจ้งเตือนอัคคีภัย
และเอกสารการตรวจสอบอุปกรณ์ป้องกันและเตือนอัคคีภัย

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 1/1/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.7		
		Fuel level	Min.250 Liter	445	440		
		Engine run Hrs.	hr / m	151/10/436	181/11/181		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	273/171/202	272/166/252		
		KWH	Digital meter	7763.2	7764.7		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.97	0.95		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	43/39/47	64/59/49		
		KWH	Digital meter	1064341	1064721		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	192	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	N/A	N/A		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	N/A	N/A		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	50	50		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	55	54		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	55	54		

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	55	58		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	34/37	36/47		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
	General status of tank2	Normal	Normal	Normal			
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	10941.3	10961.8		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	10259.2	10277.8		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	Overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by					TOL		

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	6.5	2.2		
2	CR-002	Freezer 4 door-upright		-18	-16.2	-17.9		
3	CR-003	Freezer 4 door-upright		-18	-18.0	-17.9		
4	CR-004	4 door-upright	Cold kitchen	2.0	7.2	6.8		
5	CR-005	3 door-Base		5.0	6.4	6.8		
6	CR-006	Ice-cream cabinet		-20	-25	-26		
7	CR-007	2 door-upright	Kitchen	2.0	4.9	3.5		
8	CR-008	3 door-Base	Hot kitchen	5.0	5.7	7.1		
9	CR-009	3 door-Base		5.0	6.7	7.9		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.5	6.6		
11	CR-011	3 door-Base		4.0	dF	5.1		
12	CR-012	2 door-Base		4.0	off	dF		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	4.1			
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	dF		
15	CR-015	2 door-Base		2.0	off	dF		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		8750
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	dF		1
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 9/1/24

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	At		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	490 L	445		
		Engine run Hrs.	hr / m	181 h 25 m	181/25/407		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	169/181/190	297/187/255		
		KWH	Digital meter	7859.0	7865.4		
		Cap bank Selector status	Auto/Manual	Auto	At		
		Power factor	0.95-0.98	0.98	0.98		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	At		
		Voltage R/S/T	Digital meter	400/400/400	399/399/399		
		Amperage R/S/T	Digital meter	43/30/26	78/54/58		
		KWH	Digital meter	1070051	1070402		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	At		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	100	100		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	At		
		Filter pressure for A	Not over 25 PSI	N/A	-		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	At		
		Filter pressure for B	Not over 25 PSI	N/A	-		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	Auto	At		
		Inverter status	Auto/Manual/Off	Auto	At		
		Booster pump Pressure	50 PSI	54	56		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	At		
		Inverter status	Auto/Manual/Off	Auto	At		
		Booster pump Pressure	50 PSI	50	50		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	56	55		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	40/48	38/44		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	i. Auto	At		The Air pump
		Air pump status	Auto/Manual	Auto	At		
		Electric consumption (Kwh)	Digital Kwh Meter	11981.7	11900.8		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	At		
		Air pump status	Auto/Manual	Auto	At		
		Electric consumption (Kwh)	Digital Kwh Meter	1057.02	10586.5		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	OFF	OFF		
		General status	Normal	overload	overload		
Irrigation water	Basement Building B	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
		Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	4.2	1.5		
2	CR-002	Freezer 4 door-upright		-18	-17.5	-17.3		
3	CR-003	Freezer 4 door-upright		-18	-15.7	-17.3		
4	CR-004	4 door-upright	Cold kitchen	2.0	6.7	6.7		
5	CR-005	3 door-Base		5.0	6.2	5.6		
6	CR-006	Ice-cream cabinet		-20	-22	-25		
7	CR-007	2 door-upright	Kitchen	2.0	3.2	3.3		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.2	6.9		
9	CR-009	3 door-Base		5.0	5.0	6.4		
10	CR-010	3 door-Base	Bar at restaurant	4.0	5.6	7.0		
11	CR-011	3 door-Base		4.0	5.0	4.5		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	3.4	3.0		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal				
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A 'nn1 09-22	B 'nn2 22-09	C 'nn3 00-24	A 'nn5 09-22	B 'nn6 22-09	C 'nn7 00-24	
Yesterday	233.59	153.89	181.25	0.124	0.106	0.129	568.73
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	25041.4	9266.172	4367.252
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 17/01/24

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	AT		
		Batteries Voltage	Over 24 Volt	27.6	28.6		
		Fuel level	Min.250 Liter	440	550		
		Engine run Hrs.	hr / m	181h 40m	181h 40m	1438	
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	180/175/169	253/209/298		
		KWH	Digital meter	7957.1	7963.4		
		Cap bank Selector status	Auto/Manual	Auto	AT		
		Power factor	0.95-0.98	0.99	0.97		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	AT		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	50/26/25	88/58/59		
		KWH	Digital meter	10759.04	10762.78		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	AT		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	AT		
		Filter pressure for A	Not over 25 PSI	N/A	-		
		General status	Normal	-	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	AT		
		Filter pressure for B	Not over 25 PSI	N/A	-		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	AT		
		Inverter status	Auto/Manual/Off	Auto	AT		
		Booster pump Pressure	50 PSI	50	52		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	AT		
		Inverter status	Auto/Manual/Off	Auto	AT		
		Booster pump Pressure	50 PSI	55	54		
		Cold water tank level	High/Med/Low	High	High		

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	58	56'		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	36 / 47	34 / 44		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	At		
		Air pump status	Auto/Manual	Auto	At		
		Electric consumption (Kwh)	Digital Kwh Meter	11625.5	11645.5		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	At		
		Air pump status	Auto/Manual	Auto	At		
		Electric consumption (Kwh)	Digital Kwh Meter	10888.0	10905.1		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 Psi				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	3.9	26F		
2	CR-002	Freezer 4 door-upright		-18	-13.4	-17.6		
3	CR-003	Freezer 4 door-upright		-18	-12.7	-16.7		
4	CR-004	4 door-upright	Cold kitchen	2.0	6.6	4.7		
5	CR-005	3 door-Base		5.0	5.2	5.3		
6	CR-006	Ice-cream cabinet		-20	-21	-8A		
7	CR-007	2 door-upright	Kitchen	2.0	3.5	26F		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.5	5.5		
9	CR-009	3 door-Base		5.0	off	6.7		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.2	6.0		
11	CR-011	3 door-Base		4.0	4.1	6.0		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0		3.2		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday	241.35	158.70	185.32	0.131	0.106	0.129	585.57
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	25613.0	9267.783	4391.236
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 25/1/17

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		1020/11/17
		Batteries Voltage	Over 24 Volt	27.7	27.6		
		Fuel level	Min.250 Liter	550	550		
		Engine run Hrs.	hr / m	141.55	181h 55m		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	265/251/251	302/224/277		
		KWH	Digital meter	5031.7	8057.2		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.97	0.98		
		cap bank working	Number	-			
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto			
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	651/61/65	58/41/44		
		KWH	Digital meter	1096351	1080676		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	192	189		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	N/A	N/A		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	N/A	N/A		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		+ 11/11/17 + 11/11/17 5/4
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	65	54		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	55	54		
		Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	55	54		

4398.647

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	36	51		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	36/46	36/47		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	11129.6	11901.9		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	11984.4	11146.5		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off		Auto		
		General status	Normal		Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by					914		

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	6.9	6.7		
2	CR-002	Freezer 4 door-upright		-18	-17.6	-15.4		
3	CR-003	Freezer 4 door-upright		-18	-16.2	-17.7		
4	CR-004	4 door-upright	Cold kitchen	2.0	5.6	6.9		
5	CR-005	3 door-Base		5.0	5.4	off		
6	CR-006	Ice-cream cabinet		-20	-22	-25		
7	CR-007	2 door-upright	Kitchen	2.0	2.4	3.5		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.9	6.7		
9	CR-009	3 door-Base		5.0	off	5.6		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.3	6.2		
11	CR-011	3 door-Base		4.0	4.2	4.7		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	4.0	8.1		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	ON	off		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by						704		

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item	KWH			Peak Demand KW			KWH
	A '001	B '002	C '003	A '005	B '006	C '007	
Rate code time	09-22	22-09	00-24	09-22	22-09	00-24	Per day '000
Yesterday							
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 31/1/24

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	AT		
		Batteries Voltage	Over 24 Volt	27.1	27.6		
		Fuel level	Min.250 Liter	550	445		
		Engine run Hrs.	hr / m	1824 10m	1824/10/440		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	205/157/160	259/205/378		
		KWH	Digital meter	8128.9	8134.9		
		Cap bank Selector status	Auto/Manual	Auto	AT		
		Power factor	0.95-0.98	0.99	0.94		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	AT		
		Voltage R/S/T	Digital meter	399/399/400	399/399/399		
		Amperage R/S/T	Digital meter	58/58/38	70/51/56		
		KWH	Digital meter	1086133	1086506		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	AT		
		For raw Amperage	Amp. Meter	-	3		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	191	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	AT		
		Filter pressure for A	Not over 25 PSI	N/A	-		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	AT		
		Filter pressure for B	Not over 25 PSI	N/A	-		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	AT		
		Inverter status	Auto/Manual/Off	Auto	AT		
		Booster pump Pressure	50 PSI	59 PSI	54		
		Cold water tank level	High/Med/Low	High	High.		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	AT		
		Inverter status	Auto/Manual/Off	Auto	AT		
		Booster pump Pressure	50 PSI	55	54		
		Cold water tank level	High/Med/Low	High	High.		

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	57	59°		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	38 / 47	36 / 46		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	At		
		Air pump status	Auto/Manual	Auto	At		
		Electric consumption (Kwh)	Digital Kwh Meter	19222.0	18841.8		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	At		
		Air pump status	Auto/Manual	Auto	At		
		Electric consumption (Kwh)	Digital Kwh Meter	11448.9	11465.9		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Abnormal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Abnormal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	At		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	2.7	3.8		
2	CR-002	Freezer 4 door-upright		-18	-14.9	-9.2		
3	CR-003	Freezer 4 door-upright		-18	-16.3	-9.6		
4	CR-004	4 door-upright	Cold kitchen	2.0	7.0	6.0		
5	CR-005	3 door-Base		5.0	6.1	5.5		
6	CR-006	Ice-cream cabinet		-20	-2.1	-8.2		
7	CR-007	2 door-upright	Kitchen	2.0	1.9	5.0		
8	CR-008	3 door-Base	Hot kitchen	5.0	off	6.6		
9	CR-009	3 door-Base		5.0	6.7	5.0		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.6	5.3		
11	CR-011	3 door-Base		4.0	6.2	5.1		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	3.6	3.9		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A 'nn1 09-22	B 'nn2 22-09	C 'nn3 00-24	A 'nn5 09-22	B 'nn6 22-09	C 'nn7 00-24	
Yesterday	254.36	167.27	193.86	0.194	0.108	0.125	615.49
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	26618.9	9975.394	4439.867
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 3/2/24

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	At		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	550 L	540		
		Engine run Hrs.	hr / m	182h 10m	182/10/400		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	210/121/163	199/107/225		
		KWH	Digital meter	8166.0	8172.5		
		Cap bank Selector status	Auto/Manual	Auto	At		
		Power factor	0.95-0.98	0.98	0.98		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	At		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	51/36/27	24/60/46		
		KWH	Digital meter		1098745		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	At		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	191	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	At		
		Filter pressure for A	Not over 25 PSI	N/A	-		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	At		
		Filter pressure for B	Not over 25 PSI	N/A	-		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	Auto	At		
		Inverter status	Auto/Manual/Off	Auto	At		
		Booster pump Pressure	50 PSI	54	56		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	At		
		Inverter status	Auto/Manual/Off	Auto	At		
		Booster pump Pressure	50 PSI	52	54		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	At		
		Inverter status	Auto/Manual/Off	Auto	At		
		Booster pump Pressure	50 PSI	52	54		

Page 2/2

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	54	56°		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	35 / 97	36 / 44		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	AT		
		Air pump status	Auto/Manual	Auto	AT		
		Electric consumption (Kwh)	Digital Kwh Meter	12349.0	12070.1		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	AT		
		Air pump status	Auto/Manual	Auto	AT		
		Electric consumption (Kwh)	Digital Kwh Meter	11568.4	11566.9		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	AT		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	AT		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	AT		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	AT		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	7.1	3.8		
2	CR-002	Freezer 4 door-upright		-18	-11.9	-18.8		
3	CR-003	Freezer 4 door-upright		-18	-12.8	-2.6		
4	CR-004	4 door-upright	Cold kitchen	2.0	5.8	5.0		
5	CR-005	3 door-Base		5.0	5.3	6.4		
6	CR-006	Ice-cream cabinet		-20	-25	-25		
7	CR-007	2 door-upright	Kitchen	2.0	4.1	2.7		
8	CR-008	3 door-Base	Hot kitchen	5.0	5.9	6.4		
9	CR-009	3 door-Base		5.0	7.3	5.5		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.7	4.3		
11	CR-011	3 door-Base		4.0	4.8	5.9		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	3.1			
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by					S. Wang			

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday	258.32	169.31	194.31	0.124	0.111	0.125	621.94
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	26829.5	9276.576	4460.879
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 7/2/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	At	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	545	545		
		Engine run Hrs.	hr / m	192/25/24	142/25/44		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/200/200	399/399/399		
		Amperage R/S/T	Digital meter	878/820/191	261/302/270		
		KWH	Digital meter	8215.0	8222.6		
		Cap bank Selector status	Auto/Manual	At	Auto		
		Power factor	0.95-0.98	0.96	0.97		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	At	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	60/40/43	79/61/57		
		KWH	Digital meter	1091283	1091735		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	At	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	At	Auto		
		Filter pressure for A	Not over 25 PSI	-	-		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	At	Auto		
		Filter pressure for B	Not over 25 PSI	-	-		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	At	Auto		
		Inverter status	Auto/Manual/Off	At	Auto		
		Booster pump Pressure	50 PSI	54	54		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	At	Auto		
		Inverter status	Auto/Manual/Off	At	Auto		
		Booster pump Pressure	50 PSI	54	55		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	At	Auto		
		Inverter status	Auto/Manual/Off	At	Auto		
		Booster pump Pressure	50 PSI	54	55		

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	56	53		
		General status	Norrmal	norm	Normal		
		Pressure	In / Out	88/146	35/47		
Hot Water Tank		General status of tank1	Normal	norm	Normal		
		General status of tank2	Norrmal	norm	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	At	Auto		
		Air pump status	Auto/Manual	At	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	18579.7	12541.6		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	At	Auto		
		Air pump status	Auto/Manual	At	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	11726.5	11747.9		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	At	Auto		
		General status	Normal	norm	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	At	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	At	Auto		
		General status	Normal	norm	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	Overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	At	Auto		
		General status	Normal	norm	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	2.0	2.2		
2	CR-002	Freezer 4 door-upright		-18	-18.7	-9.8		
3	CR-003	Freezer 4 door-upright		-18	-2.9	-9.7		
4	CR-004	4 door-upright	Cold kitchen	2.0	6.0	5.5		
5	CR-005	3 door-Base		5.0	5.5	5.4		
6	CR-006	Ice-cream cabinet		-20	5.5-20	-23		
7	CR-007	2 door-upright	Kitchen	2.0	2.5	2.1		
8	CR-008	3 door-Base	Hot kitchen	5.0	8F	5.2		
9	CR-009	3 door-Base		5.0	5.8	5.9		
10	CR-010	3 door-Base	Bar at restaurant	4.0	5.8	4.6		
11	CR-011	3 door-Base		4.0	4.5	4.7		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	3.1	4.2		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 15/09/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	AT	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	545	545		
		Engine run Hrs.	hr / m	182/40/44	182/40/44		
MDB	MDB Room	Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	885/251/255	380/260/242		
		KWH	Digital meter	8325.7	8330.6		
		Cap bank Selector status	Auto/Manual	AT	Auto		
		Power factor	0.95-0.98	0.99	0.97		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	AT	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	52/04/44	80/66/53		
		KWH	Digital meter	109776.7	1098178		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	AT	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	189		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	AT	Auto		
		Filter pressure for A	Not over 25 PSI	72	74		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	AT	Auto		
		Filter pressure for B	Not over 25 PSI	70	70		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	AT	Auto		
		Inverter status	Auto/Manual/Off	AT	Auto		
		Booster pump Pressure	50 PSI	56	54		
		Cold water tank level	High/Med/Low	High.	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	AT	Auto		
		Inverter status	Auto/Manual/Off	AT	Auto		
		Booster pump Pressure	50 PSI	44	40		
		Cold water tank level	High/Med/Low	High.	High		

Page 2/

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	57	53		
		General status	Normal	normal	Normal		
		Pressure	In / Out	98/44	48/50		
Hot Water Tank		General status of tank1	Normal	normal	Normal		
		General status of tank2	Normal	normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	off	Auto		
		Air pump status	Auto/Manual	off	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	12869.7	12869.0		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	off	Auto		
		Air pump status	Auto/Manual	off	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	12051.1	12067.7		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	off	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	off	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	off	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	Overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	off	Auto		
		General status	Normal	normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

1506

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	7.6	4.9		
2	CR-002	Freezer 4 door-upright		-18	off	-7.6		
3	CR-003	Freezer 4 door-upright		-18	-14.5	-15.0		
4	CR-004	4 door-upright	Cold kitchen	2.0	off	5.8		
5	CR-005	3 door-Base		5.0	5.2	7.1		
6	CR-006	Ice-cream cabinet		-20	-24	-25		
7	CR-007	2 door-upright	Kitchen	2.0	2.7	2.0		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.6	off		
9	CR-009	3 door-Base		5.0	6.2	5.3		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.9	6.2		
11	CR-011	3 door-Base		4.0	5.7	4.5		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	3.6	off		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY							
High Voltage 33KV PEA METER (From PEA Website)							
Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday	869.29	177.90	202.80	0.107	0.120	0.737	649.29
Today							
total							

WATER (Cubic meter)			
Main Meter			
Item	CW Meter PWA	Water Truck	Total In come
Yesterday	87697.1		4505.874
Today			
Total			

Fuel in daytank		
Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____ Unit _____ No. of guest _____

Others Record : _____

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 19/08/67.

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	540	540		
		Engine run Hrs.	hr / m	192/55	162/55/443		043 58
MDB	MDB Room	Voltage R/S/T	Digital meter	399/399/400	399/399/399		
		Amperage R/S/T	Digital meter	219/200/152	432/220/298		
		KWH	Digital meter	8375.6	8383.5		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.98	0.98		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	400/399/400	395/398/399		
		Amperage R/S/T	Digital meter	67/47/36	89/61/67		
		KWH	Digital meter	1100659	1101335		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	OK	Normal		
		Raw water tank	Level	172	179		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	36	38		
		General status	Normal	OK	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	27		
		General status	Normal	OK	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	55	54		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	58	49		
		Cold water tank level	High/Med/Low	High	High		

102 CL 10 100 A.

102 dialing.

B 1.0/7.5 102/100 A 0.5

102/100 A 0.5 / check in 102/100 A

Page 2/

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	53	58		
		General status	Normal	OK	Normal		
		Pressure	In / Out	39/44	35/47		
Hot Water Tank		General status of tank1	Normal	OK	Normal		
		General status of tank2	Normal	OK	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	13039.2	13060.9		
		General status	Normal	OK	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	12211.0	12229.2		
		General status	Normal	OK	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	OK	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off		Auto		
		General status	Normal		Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	OK	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	Auto	Off		
		General status	Normal	OK	Overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	OK	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

19/2/16

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	6.6	6.7		
2	CR-002	Freezer 4 door-upright		-18	-15.4	-7.9		
3	CR-003	Freezer 4 door-upright		-18	-15.5	-11.8		
4	CR-004	4 door-upright	Cold kitchen	2.0	4.7	5.7		
5	CR-005	3 door-Base		5.0	6.5	7.0		
6	CR-006	Ice-cream cabinet		-20	-23	-25		
7	CR-007	2 door-upright	Kitchen	2.0	3.4	2.7		
8	CR-008	3 door-Base	Hot kitchen	5.0	7.1	4.9		
9	CR-009	3 door-Base		5.0	7.7	5.0		
10	CR-010	3 door-Base	Bar at restaurant	4.0	5.8	6.6		
11	CR-011	3 door-Base		4.0	6.0	5.6		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	4.8	1.0		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY							
High Voltage 33KV PEA METER (From PEA Website)							
Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today	27209	178.96	206.98	0.137	0.120	0.137	656.01
total							

WATER (Cubic meter)			
Main Meter			
Item	CW Meter PWA	Water-Tank	Total In come
Yesterday			
Today	27971.0	1527.17	
Total			

Fuel in daytank		
Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 8/2/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	540	540		
		Engine run Hrs.	hr / m	183/10/444	183/10/444		
MDB	MDB Room	Voltage R/S/T	Digital meter	399/399/399	400/400/400		
		Amperage R/S/T	Digital meter	294/276/277	290/264/247		
		KWH	Digital meter	8283.3	8489.8		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.96		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	66/49/57	60/54/47		
		KWH	Digital meter	1107283	1107669		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	790	120		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	72	70		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	72	70		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	55		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	55		
		Cold water tank level	High/Med/Low	High	High		

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	57°	57		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	38 / 46	34 / 47		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	13398.0	13406.7		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	12533.3	12550.0		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto			
		General status	Normal	Normal			
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	Off	Off		
		General status	Normal	Over/pend	Over/pend		
	Basement Building B(3)	pump status	Auto/Manual/Off	1 Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	8.8	2.8		
2	CR-002	Freezer 4 door-upright		-18	-12.3	-15.0		
3	CR-003	Freezer 4 door-upright		-18	-14.7	-16.3		
4	CR-004	4 door-upright	Cold kitchen	2.0	4.6	6.7		
5	CR-005	3 door-Base		5.0	6.4	2F		
6	CR-006	Ice-cream cabinet		-20	-25	-24		
7	CR-007	2 door-upright	Kitchen	2.0	3.0	2.6		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.2	6.0		
9	CR-009	3 door-Base		5.0	8F	5.2		
10	CR-010	3 door-Base	Bar at restaurant	4.0	6.7	4.2		
11	CR-011	3 door-Base		4.0	6.7	4.7		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	8F	3.0		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday	220.35	184.76	211.40	0.132	0.117	0.119	676.51
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	22525.4	9288.857	4609.650
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 2/3/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	540	520		
		Engine run Hrs.	hr / m	184/0/445	184/0/445		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	399/399/399		
		Amperage R/S/T	Digital meter	317/300/312	289/233/222		
		KWH	Digital meter	8538.7	8545.6		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.97		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	39/39/39	39/39/40		
		KWH	Digital meter	1110551	1110999		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	40	38		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	28		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	54	54		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	54	44		
		Cold water tank level	High/Med/Low	High	High		

Page 2/

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	57	53		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	38/47	33/46		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	13561.8	13579.5		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	12695.4	12715.7		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off		Auto		
		General status	Normal		Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	Overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	5.5	2.6		
2	CR-002	Freezer 4 door-upright		-18	-10.5	-7.4		
3	CR-003	Freezer 4 door-upright		-18	-14.5	-12.0		
4	CR-004	4 door-upright	Cold kitchen	2.0	6.9	6.5		
5	CR-005	3 door-Base		5.0	5.4	df		
6	CR-006	Ice-cream cabinet		-20	-2.5	-2.1		
7	CR-007	2 door-upright	Kitchen	2.0	3.8	4.0		
8	CR-008	3 door-Base	Hot kitchen	5.0	7.0	5.1		
9	CR-009	3 door-Base		5.0	6.5	6.9		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.6	4.3		
11	CR-011	3 door-Base		4.0	5.9	5.3		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	2.5	3.5		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	OK	OK		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 5/8/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room.	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	530	520		
		Engine run Hrs.	hr / m	134/15/44	189/15/46		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	199/130/170	295/308/398		
		KWH	Digital meter	8078.4	8585.2		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.98		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	57/37/37	100/50/69		
		KWH	Digital meter	1112937	1113367		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	38	35		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	25		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	55		
		Cold water tank level	High/Med/Low	High.	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	55		
		Cold water tank level	High/Med/Low	High.	High		

Page 2/2

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	54°	57		
		General status	Norrmal	Normal	Normal		
		Pressure	In / Out	38/46	34/47		
Hot Water Tank		General status of tank1	Norrmal	Normal	Normal		
		General status of tank2	Norrmal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	10689.3	13710.8		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	12618.2	12834.8		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto			
		General status	Normal	Normal			
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	over		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	3.2	2.8		
2	CR-002	Freezer 4 door-upright		-18	-10.4	-8.2		
3	CR-003	Freezer 4 door-upright		-18	-17.6	-17.2		
4	CR-004	4 door-upright	Cold kitchen	2.0	5.3	4.4		
5	CR-005	3 door-Base		5.0	5.4	6.2		
6	CR-006	Ice-cream cabinet		-20	-25	-23		
7	CR-007	2 door-upright	Kitchen	2.0	2.0	2.7		
8	CR-008	3 door-Base	Hot kitchen	5.0	off	6.8		
9	CR-009	3 door-Base		5.0	5.7	7.0		
10	CR-010	3 door-Base	Bar at restaurant	4.0	6.7	4.0		
11	CR-011	3 door-Base		4.0	4.4	6.7		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	4.7	4.5		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	off on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday	287.50	189.44	276.09	0.136	0.120	0.125	693.03
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	29012.1	9293.378	4674 471
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 14/3/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	520	520		
		Engine run Hrs.	hr / m	184/47/450	184/47/450		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	258/230/290	257/230/290		
		KWH	Digital meter	8700.9	8700.9		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.96		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	77/55/67	80/67/63		
		KWH	Digital meter	1120258	1120664		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	5			
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	195	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	38	38		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	28		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	52	56		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	52		
		Cold water tank level	High/Med/Low	High	High		

713.84 297.38 196.01 220.45 0.142 0.124 0.125

Page 2/

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	56	57		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	34/47	37/44		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	14076.8	14100.0		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	13185.5	13206.9		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	4.8	5.0		
2	CR-002	Freezer 4 door-upright		-18	-9.9	-10.1		
3	CR-003	Freezer 4 door-upright		-18	-17.1	-15.5		
4	CR-004	4 door-upright	Cold kitchen	2.0	5.6	4.5		
5	CR-005	3 door-Base		5.0	df	7.0		
6	CR-006	Ice-cream cabinet		-20	-25	-25		
7	CR-007	2 door-upright	Kitchen	2.0	2.4	0.7		
8	CR-008	3 door-Base	Hot kitchen	5.0	5.3	6.8		
9	CR-009	3 door-Base		5.0	5.3	5.3		
10	CR-010	3 door-Base	Bar at restaurant	4.0	6.2	5.6		
11	CR-011	3 door-Base		4.0	5.8	6.1		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	2.7	3.0		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 18 / 03 / 24

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	520 L	520		
		Engine run Hrs.	hr / m	185h 9m	185/2/457	451 (CS)	
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	264/221/198	275/215/218		
		KWH	Digital meter	8754.1	8762.4		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.97	0.96		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	400/399/399	399/399/399		
		Amperage R/S/T	Digital meter	54/43/28	79/56/46		
		KWH	Digital meter	1123489	1123929		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	5	5		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	193	192		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	38	38		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	28		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	54	52		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	59	50		
		Cold water tank level	High/Med/Low	High	High		

Page 2/

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	E5/48	57		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	36/47	34/48		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	14249.6	14272.0		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	13350.7	13371.0		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto			
		General status	Normal	Normal			
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	Off	Off		
		General status	Normal	overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by				for	2/2		

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	6.8	5.7		
2	CR-002	Freezer 4 door-upright		-18	13.0	-7.9		
3	CR-003	Freezer 4 door-upright		-18	dEF	-16.2		
4	CR-004	4 door-upright	Cold kitchen	2.0	dEF	4.9		
5	CR-005	3 door-Base		5.0	5.5	5.6		
6	CR-006	Ice-cream cabinet		-20	-24	-2.6		
7	CR-007	2 door-upright	Kitchen	2.0	2.8	2.7		
8	CR-008	3 door-Base	Hot kitchen	5.0	7.0	dF		
9	CR-009	3 door-Base		5.0	5.8	5.5		
10	CR-010	3 door-Base	Bar at restaurant	4.0	5.4	5.4		
11	CR-011	3 door-Base		4.0	dF	5.0		
12	CR-012	2 door-Base		4.0	dfr	dff		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0		2.7		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	dff	dff		
15	CR-015	2 door-Base		2.0	dfr	dff		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	ON		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	dfr	dff		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A 'nn1 09-22	B 'nn2 22-09	C 'nn3 00-24	A 'nn5 09-22	B 'nn6 22-09	C 'nn7 00-24	
Yesterday	300.08	197.70	225.03	0.142	0.124	0.125	722.81
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	29744.6	4903.422	9300.127
Today		4903.422	
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 28/3/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	520	520		
		Engine run Hrs.	hr / m	185/17/452	185h 17m	(492) (5)	
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	213/262/213	399/399/399		
		KWH	Digital meter	8894.5	8902.6		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.96		
		cap bank working	Number	-			
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	400/400/400		
		Amperage R/S/T	Digital meter	57/47/39	103/72/67		
		KWH	Digital meter	1131805	1132287		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	1			
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	38	38		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	20	28		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	54		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	N/A		
		Cold water tank level	High/Med/Low	High	High		

745.92 370.90 205.43 229.60 0.129 0.128 0.127

Page 2/

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	56	55		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	35/47	36/49		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	14679.7	14700.8		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	13768.3	13786.2		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	Off	Off		
		General status	Normal	Overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	3.9	2.1		
2	CR-002	Freezer 4 door-upright		-18	-9.5	-8.9		
3	CR-003	Freezer 4 door-upright		-18	-10.8	-13.7		
4	CR-004	4 door-upright	Cold kitchen	2.0	5.7	5.4		
5	CR-005	3 door-Base		5.0	8.7	9.7		
6	CR-006	Ice-cream cabinet		-20	-25	-25		
7	CR-007	2 door-upright	Kitchen	2.0	2.7	4.7		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.7	6.3		
9	CR-009	3 door-Base		5.0	4.7	7.0		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.8	4.5		
11	CR-011	3 door-Base		4.0	5.8	5.1		
12	CR-012	2 door-Base		4.0	0.7	0.7		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	0.7			
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	0.7	0.7		
15	CR-015	2 door-Base		2.0	0.7	0.7		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	0.7	0.7		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 4/4/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	520	510		
		Engine run Hrs.	hr / m	145/32/453	185h 32m		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	335/269/239	289/220/280		
		KWH	Digital meter	8993.3	9009.0		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.91		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	69/33/33	82/60/57		
		KWH	Digital meter	1137694	115021		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	192	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	38	39		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	74	72		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	55		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	N/A		
		Cold water tank level	High/Med/Low	High	High		

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	54	46		
		General status	Norrmal	Normal	Normal		
		Pressure	In / Out	34/47	38/47		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	14983.4	15009.7		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	14059.8	14078.8		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	Overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by				20			

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	4.6	5.6		
2	CR-002	Freezer 4 door-upright		-18	-14.5	-11.2		
3	CR-003	Freezer 4 door-upright		-18	-17.9	-17.6		
4	CR-004	4 door-upright	Cold kitchen	2.0	8.2	115.3		
5	CR-005	3 door-Base		5.0	8.7	5.1		
6	CR-006	Ice-cream cabinet		-20	-22	-23		
7	CR-007	2 door-upright	Kitchen	2.0	3.6	7.0		
8	CR-008	3 door-Base	Hot kitchen	5.0	5.2	5.9		
9	CR-009	3 door-Base		5.0	5.7	5.9		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.2	5.9		
11	CR-011	3 door-Base		4.0	5.0	5.8		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	dF	415.3		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	dF		
15	CR-015	2 door-Base		2.0	off	dF		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
18	ICE-003	Ice machine	Pool bar Buil.B	Normal				
Recorded by								

Consumption Record

ELECTRICITY							
High Voltage 33KV PEA METER (From PEA Website)							
Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)			
Main Meter			
Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank		
Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____ Unit _____ No. of guest _____

Others Record : _____

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 9/14/16

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	88.6	87.6		
		Fuel level	Min.250 Liter	520	510		
		Engine run Hrs.	hr / m	740/147/254	185h 47m		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	379/376/309	279/301/291		
		KWH	Digital meter	9062.7	9068.6		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.97	0.95		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/397/309	399/397/309		
		Amperage R/S/T	Digital meter	79/64/66	58/48/50		
		KWH	Digital meter	1747329	1192187		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190			
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	72	38		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	28		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	54		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	N/A		
		Cold water tank level	High/Med/Low	High	High		

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	53'	(F5) 53		
		General status	Norrmal	Normal	Normal		
		Pressure	In / Out	38/46	37/47		
Hot Water Tank		General status of tank1	Norrmal	Normal	Normal		
		General status of tank2	Norrmal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	15198.46	152157		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	14267.5	14284.8		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	8.2	8.5		
2	CR-002	Freezer 4 door-upright		-18	-15.7	-18.1		
3	CR-003	Freezer 4 door-upright		-18	off	-17.8		
4	CR-004	4 door-upright	Cold kitchen	2.0	4.5	-9.6		
5	CR-005	3 door-Base		5.0	20	23		HA
6	CR-006	Ice-cream cabinet		-20	-22	-22		
7	CR-007	2 door-upright	Kitchen	2.0	2.4	2.3		
8	CR-008	3 door-Base	Hot kitchen	5.0	2.9	off		
9	CR-009	3 door-Base		5.0	off	5.5		
10	CR-010	3 door-Base	Bar at restaurant	4.0	off	4.8		
11	CR-011	3 door-Base		4.0	4.9	5.0		
12	CR-012	2 door-Base		4.0	5.5	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	3.2	2.4		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A 'nn1 09-22	B 'nn2 22-09	C 'nn3 00-24	A 'nn5 09-22	B 'nn6 22-09	C 'nn7 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheet.



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Date: 19/4/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	510	510		
		Engine run Hrs.	hr / m	146/2/455	186/2/445		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	325/261/346	310/196/298		
		KWH	Digital meter	9195.6	9102.3		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.97		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	56/46/42	76/50/45		
		KWH	Digital meter	1149753	1150151		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	189	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	36	72		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	74	78		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	55	55		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	58		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	83	68		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	35/47	36/46		
Hot Water Tank		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	15624.9	15648.9		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	14687.7	14705.7		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	Overbank		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	5.5	2.8		
2	CR-002	Freezer 4 door-upright		-18	-11.3	-13.6		
3	CR-003	Freezer 4 door-upright		-18	-17.1	-12.9		
4	CR-004	4 door-upright	Cold kitchen	2.0	def	5.0		
5	CR-005	3 door-Base		5.0	7.1	5.1		
6	CR-006	Ice-cream cabinet		-20	-23	-20		
7	CR-007	2 door-upright	Kitchen	2.0	2.1	4.9		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.0	6.5		
9	CR-009	3 door-Base		5.0	6.1	5.8		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.7	4.3		
11	CR-011	3 door-Base		4.0	5.1	4.5		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	2.2	3.0		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY							
High Voltage 33KV PEA METER (From PEA Website)							
Item	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)			
Main Meter			
Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank		
Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



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Date: 28/4/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selecter switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	510	510		
		Engine run Hrs.	hr / m	186/17/456	186 h	17 m	
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		
		Amperage R/S/T	Digital meter	309/304/306	306/287/283		
		KWH	Digital meter	9234.8	9241.0		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.96		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	55/52/49	91/70/58		
		KWH	Digital meter	11520.96	1152.489		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	38	5		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	192	190 g.		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	38	74		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	28		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	56		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	N/A		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	57	57		
		General status	Norrmal	Normal	Normal		
		Pressure	In / Out	36/46	36/47		
Hot Water Tank		General status of tank1	Norrmal	Normal	Normal		
		General status of tank2	Norrmal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	15751.4	15769.0		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	14812.4	14831.0		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	6.7	6.7		
2	CR-002	Freezer 4 door-upright		-18	DEF	-17.1		
3	CR-003	Freezer 4 door-upright		-18	-17.7	-18.7		
4	CR-004	4 door-upright	Cold kitchen	2.0	5.1	6.2		
5	CR-005	3 door-Base		5.0	5.5	5.1		
6	CR-006	Ice-cream cabinet		-20	-2.5	-2.2		
7	CR-007	2 door-upright	Kitchen	2.0	2.3	DEF		
8	CR-008	3 door-Base	Hot kitchen	5.0	5.8	5.9		
9	CR-009	3 door-Base		5.0	6.6	6.0		
10	CR-010	3 door-Base	Bar at restaurant	4.0	5.8	5.0		
11	CR-011	3 door-Base		4.0	4.8	5.2		
12	CR-012	2 door-Base		4.0	OFF	OFF		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	2.8	2.9		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	OFF	OFF		
15	CR-015	2 door-Base		2.0	OFF	OFF		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	ON	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	OFF	OFF		
Recorded by								

Consumption Record

ELECTRICITY							
High Voltage 33KV PEA METER (From PEA Website)							
Item	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)			
Main Meter			
Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank		
Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheet.



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Date: 28/4/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	510	510		
		Engine run Hrs.	hr / m	146/17/456	186h 38m		
MDB	MDB Room	Voltage R/S/T	Digital meter	396/396/396	400/400/400		
		Amperage R/S/T	Digital meter	318/239/243	305/231/257		
		KWH	Digital meter	9313.1	9319.9		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.97	0.97		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	395/395/395	400/397/399		
		Amperage R/S/T	Digital meter	66/48/54	89/97/45		
		KWH	Digital meter	7156758	1157183		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-			
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	General status	Normal				
		Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	39	38		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	28		
Booster pump Building A	Roof top building A	General status	Normal	Normal	Normal		
		Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	56		
Booster pump Building B	Roof top building B	Cold water tank level	High/Med/Low	High	High		
		Booster pump status	Auto/Manual	Auto			
		Inverter status	Auto/Manual/Off	Auto			
		Booster pump Pressure	50 PSI	N/A			
		Cold water tank level	High/Med/Low	High			

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	37	37		
Hot Water Tank		General status	Normal	Normal	Normal		
		Pressure	In / Out	35/47	36/46		
		General status of tank1	Normal	Normal	Normal		
		General status of tank2	Normal	Normal	Normal		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	16004.3	16022.5		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	15063.4	15081.2		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	Overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B						
		Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by				20			

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	DEF	6.4		
2	CR-002	Freezer 4 door-upright		-18	-15.9	-17.1		
3	CR-003	Freezer 4 door-upright		-18	-15.5	-16.9		
4	CR-004	4 door-upright	Cold kitchen	2.0	7.1	4.5		
5	CR-005	3 door-Base		5.0	6.2	6.8		
6	CR-006	Ice-cream cabinet		-20	-25	-20		
7	CR-007	2 door-upright	Kitchen	2.0	4.7	DEF		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.7	5.6		
9	CR-009	3 door-Base		5.0	5.5	5.2		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.7	5.0		
11	CR-011	3 door-Base		4.0	5.7	6.8		
12	CR-012	2 door-Base		4.0	OFF	OFF		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	4.7			
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	OFF	OFF		
15	CR-015	2 door-Base		2.0	OFF	OFF		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	ON	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	OFF	OFF		
Recorded by								

Consumption Record

ELECTRICITY							
High Voltage 33KV PEA METER (From PEA Website)							
Item	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)			
Main Meter			
Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank		
Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheet.



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Date: 2/5/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.5	27.6		
		Fuel level	Min.250 Liter	510	510		
		Engine run Hrs.	hr / m	166/33/457	186/33/457		
MDB	MDB Room	Voltage R/S/T	Digital meter	399/399/399	400/400/400		
		Amperage R/S/T	Digital meter	312/226/250	362/251/284		
		KWH	Digital meter	9366.3	9372.3		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.96		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	390/390/390	399/394/394		
		Amperage R/S/T	Digital meter	31/34/44	66/47/44		
		KWH	Digital meter	1159933	1160296		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	38	38		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	28	28		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	51	56		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	56		
		Cold water tank level	High/Med/Low	High	High		

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	36	37°		
		General status	Normal	Normal	Normal		
		Pressure	In / Out	40/46	36/44		
Hot Water Tank		General status of tank1	Normal	off	off		
	General status of tank2	Normal	Normal	Normal			
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	16173.7	16192.3		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	15229.7	15243.6		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	7.4	DEF		
2	CR-002	Freezer 4 door-upright		-18	-11.5	-16.3		
3	CR-003	Freezer 4 door-upright		-18	-17.2	-6.9		
4	CR-004	4 door-upright	Cold kitchen	2.0	DEF	5.3		
5	CR-005	3 door-Base		5.0	6.0	5.3		
6	CR-006	Ice-cream cabinet		-20	-21	-21		
7	CR-007	2 door-upright	Kitchen	2.0	2.3	2.4		
8	CR-008	3 door-Base	Hot kitchen	5.0	7.1	5.1		
9	CR-009	3 door-Base		5.0	6.1	6.0		
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.0	8F		
11	CR-011	3 door-Base		4.0	DEF	4.7		
12	CR-012	2 door-Base		4.0	OFF	OFF		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	2.9	3.0		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	OFF	OFF		
15	CR-015	2 door-Base		2.0	OFF	OFF		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	ON	ON		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	OFF	OFF		
Recorded by								

Consumption Record

ELECTRICITY							
High Voltage 33KV PEA METER (From PEA Website)							
Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)			
Main Meter			
Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank		
Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheet.



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Date: 7/5/24

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	505	505		
		Engine run Hrs.	hr / m	186h 48m	186/48/453		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	402/402/402		
		Amperage R/S/T	Digital meter	281/197/190	229/199/183		
		KWH	Digital meter	91929.7	9436.4		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.97	0.94		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	400/400/400	398/398/398		
		Amperage R/S/T	Digital meter	59/35/37	69/52/45		
		KWH	Digital meter	1163714	1164113		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	1912	191		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	74	39		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	98	28		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	56	57		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	N/A		
		Cold water tank level	High/Med/Low	High	High		

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	37	51		
		General status	Norrmal	Normal	Normal		
		Pressure	In / Out	36/96	34/46		
Hot Water Tank		General status of tank1	Norrmal	off	Normal		
	General status of tank2	Norrmal	Normal	Normal			
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	16382.1	16401.2		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	15436.7	15455.7		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	Auto	off		
		General status	Normal	overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	16.0	2.8		
2	CR-002	Freezer 4 door-upright		-18	-16.8	-17.7		
3	CR-003	Freezer 4 door-upright		-18	16.4	-16.7		
4	CR-004	4 door-upright	Cold kitchen	2.0	DEF	5.2		
5	CR-005	3 door-Base		5.0	5.1	5.1		
6	CR-006	Ice-cream cabinet		-20	-19	-25		
7	CR-007	2 door-upright	Kitchen	2.0	8.9	DEF		
8	CR-008	3 door-Base	Hot kitchen	5.0	5.9	5.0		
9	CR-009	3 door-Base		5.0	5.2	5.5		
10	CR-010	3 door-Base	Bar at restaurant	4.0	6.0	DF		
11	CR-011	3 door-Base		4.0	DF	5.8		
12	CR-012	2 door-Base		4.0	DF	OFF		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	2.8	DF		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	DF	OFF		
15	CR-015	2 door-Base		2.0	DF	OFF		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	ON	ON		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	DF	OFF		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday	347.78	232.45	262.87	0.132	0.131	0.123	843.05
Today							
Total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	32708.7	5316,279	9394,798
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheet.



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Date: 15/5/24

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	495	495 L.		
		Engine run Hrs.	hr / m	183 h 50m	188/00/260		
MDB	MDB Room	Voltage R/S/T	Digital meter	400/388/400	400/400/400		
		Amperage R/S/T	Digital meter	215/217/257	225/160/249		
		KWH	Digital meter	9532.0	9539.0		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.97		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/388/399	398/398/398		
		Amperage R/S/T	Digital meter	56/47/42	93/61/49		
		KWH	Digital meter	11693.15	1170231		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	190		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	74	74		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	76	72		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	55 PSI	54		
		Cold water tank level	High/Med/Low	High	High.		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	54		
		Cold water tank level	High/Med/Low	High	High.		

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	51	52		
Hot Water Tank		General status	Norrmal	Normal	Normal		
		Pressure	In / Out	36 / 47	36 / 44.		
		General status of tank1	Norrmal	Normal	off		
	General status of tank2	Norrmal	Normal	off			
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	16720.6	16742.0		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	15769.0	15787.5		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	2.2	2.3		
2	CR-002	Freezer 4 door-upright		-18	-17.9	-9.7		
3	CR-003	Freezer 4 door-upright		-18	-15.5	-9.2		
4	CR-004	4 door-upright	Cold kitchen	2.0	4.6	6.6		
5	CR-005	3 door-Base		5.0	5.0	6.0		
6	CR-006	Ice-cream cabinet		-20	-21	-26		
7	CR-007	2 door-upright	Kitchen	2.0	2.0	2.1		
8	CR-008	3 door-Base	Hot kitchen	5.0	7.0	5.0		
9	CR-009	3 door-Base		5.0	6.7	6.2		
10	CR-010	3 door-Base	Bar at restaurant	4.0	6.1	4.6		
11	CR-011	3 door-Base		4.0	9.6	4.5		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	2.3	3.0		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday	355.08	237.54	266.65	0.132	0.131	0.123	859.27
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	33159.0	5324.025	9327.954
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheets.



Page 1/2

Date: 20/5/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		21/5/67
		Batteries Voltage	Over 24 Volt	27.6	27.6		27.6
		Fuel level	Min.250 Liter	490	490		490
		Engine run Hrs.	hr / m	189/5/461	189/5/461		189h 5m
MDB	MDB Room	Voltage R/S/T	Digital meter	400/400/400	400/400/400		400/398/400
		Amperage R/S/T	Digital meter	212/138/207	237/163/244		213/157/189
		KWH	Digital meter	9595.1	9601.4		9607.4
		Cap bank Selector status	Auto/Manual	Auto	Auto		Auto
		Power factor	0.95-0.98	0.98	0.98		0.97
		cap bank working	Number	-	-		-
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		Auto
		Voltage R/S/T	Digital meter	400/400/400	399/399/399		399/399/399
		Amperage R/S/T	Digital meter	57/41/40	74/61/48		59/41/38
		KWH	Digital meter	1173581	1173951		1174309
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		Auto
		For raw Amperage	Amp. Meter	-	-		-
		For raw General status	Normal	Normal	Normal		Normal
		Raw water tank	Level	190	192		190
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
		General status	Normal				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		Auto
		Filter pressure for A	Not over 25 PSI	38	74		38
		General status	Normal	Normal	Normal		Normal
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		Auto
		Filter pressure for B	Not over 25 PSI	24	16		74
		General status	Normal	Normal	Normal		Normal
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		Auto
		Inverter status	Auto/Manual/Off	Auto	Auto		Auto
		Booster pump Pressure	50 PSI	56	56		55
		Cold water tank level	High/Med/Low	High	High		High
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		Auto
		Inverter status	Auto/Manual/Off	Auto	Auto		Auto
		Booster pump Pressure	50 PSI	N/A	N/A		N/A
		Cold water tank level	High/Med/Low	High	High		High

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	55	56	56	
		General status	Normal	Normal	Normal		
		Pressure	In / Out	34/47	34/47	36/97	
Hot Water Tank		General status of tank1	Normal	off	off	off	
		General status of tank2	Normal	off	off	off	
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto	Auto	
		Air pump status	Auto/Manual	Auto	Auto	Auto	
		Electric consumption (Kwh)	Digital Kwh Meter	16935.7	16954.4	16975.7	
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto	Auto	
		Air pump status	Auto/Manual	Auto	Auto	Auto	
		Electric consumption (Kwh)	Digital Kwh Meter	15979.7	16000.5	16019.1	
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto	Auto	
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto	Auto	
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto	Auto	
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off	off	
		General status	Normal	overload	overload	overload	
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto	Auto	
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by				8		107	

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	3.9	7.5	3.4	
2	CR-002	Freezer 4 door-upright		-18	-17.8	-13.8	-17.8	
3	CR-003	Freezer 4 door-upright		-18	-10.4	-0.4	-17.2	
4	CR-004	4 door-upright	Cold kitchen	2.0	5.3	4.5	8.7	
5	CR-005	3 door-Base		5.0	5.2	5.4	2F	
6	CR-006	Ice-cream cabinet		-20	-23	-25	-21	
7	CR-007	2 door-upright	Kitchen	2.0	7.0	4.2	2.3	
8	CR-008	3 door-Base	Hot kitchen	5.0	6.3	5.1	6.2	
9	CR-009	3 door-Base		5.0	5.2	5.8	5.9	
10	CR-010	3 door-Base	Bar at restaurant	4.0	4.8	4.7	4.3	
11	CR-011	3 door-Base		4.0	4.0	5.8	5.5	
12	CR-012	2 door-Base		4.0	off	off	off	
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	2.5	3.0	2.6	
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off	off	
15	CR-015	2 door-Base		2.0	off	off	off	
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	ON	ON	ON	
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off	off	
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday	359.42	240.57	270.25	0.132	0.131	0.123	870.24
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday	33456.1	5335,835	9328.459
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record : _____

Recorded by

Acknowledged by

Grand Kata VIP
Engineer Department.
Daily Logsheet.



Page 1/2

Date: 30/5/67

Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Generator	Generator room	Selector switch status	Auto/Manual	Auto	Auto		
		Batteries Voltage	Over 24 Volt	27.6	27.6		
		Fuel level	Min.250 Liter	485	490		
		Engine run Hrs.	hr / m	149/20/462	189/20/462		
MDB	MDB Room	Voltage R/S/T	Digital meter	399/399/399	400/400/400		
		Amperage R/S/T	Digital meter	251/228/226	249/213/255		
		KWH	Digital meter	9779.5	9725.5		
		Cap bank Selector status	Auto/Manual	Auto	Auto		
		Power factor	0.95-0.98	0.96	0.96		
		cap bank working	Number	-	-		
EMDB	MDB Room	A.T.S. Selector status	Auto/Manual	Auto	Auto		
		Voltage R/S/T	Digital meter	399/399/399	399/399/399		
		Amperage R/S/T	Digital meter	53/41/44	62/42/48		
		KWH	Digital meter	1180996	1181352		
Deep Well pump	Basement Near MDB room	For raw tank pump status	Auto/Manual/Off	Auto	Auto		
		For raw Amperage	Amp. Meter	-	-		
		For raw General status	Normal	Normal	Normal		
		Raw water tank	Level	190	140		
	Basement Near MDB room	pump status	Auto/Manual/Off				
		Amperage	Amp. Meter				
Water tretment	Basement Near MDB room	Filter pump status for A	Auto/Manual/Off	Auto	Auto		
		Filter pressure for A	Not over 25 PSI	40	28		
		General status	Normal	Normal	Normal		
		Filter pump status for B	Auto/Manual/Off	Auto	Auto		
		Filter pressure for B	Not over 25 PSI	8	0		
		General status	Normal	Normal	Normal		
Booster pump Building A	Roof top building A	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	50	54		
		Cold water tank level	High/Med/Low	High	High		
Booster pump Building B	Roof top building B	Booster pump status	Auto/Manual	Auto	Auto		
		Inverter status	Auto/Manual/Off	Auto	Auto		
		Booster pump Pressure	50 PSI	N/A	56		
		Cold water tank level	High/Med/Low	High	High		

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Equipment.	Location	Description	Standard	Time			Remark
				09.00	17.00	01.00	
Heat pump	Back kitchen	Temperature	55°C	52	54°		
		General status	Norrmal	Normal	Normal		
		Pressure	In / Out	34/46	34/44		
Hot Water Tank		General status of tank1	Norrmal	off	off		
		General status of tank2	Norrmal	off	off		
waste water treatment	Basement Building A	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	17360.1	17378.2		
		General status	Normal	Normal	Normal		
	Basement Building B	Ejector pump status	Auto/Manual	Auto	Auto		
		Air pump status	Auto/Manual	Auto	Auto		
		Electric consumption (Kwh)	Digital Kwh Meter	16398.8	16418.2		
		General status	Normal	Normal	Normal		
Submersible pump	Basement Building A(1)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building A(2)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(1)	selector pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
	Basement Building B(2)	pump status	Auto/Manual/Off	off	off		
		General status	Normal	Overload	overload		
	Basement Building B(3)	pump status	Auto/Manual/Off	Auto	Auto		
		General status	Normal	Normal	Normal		
Irrigation water	Basement Building B	Irrigation pump status	Auto/Manual/Off				
		Irrigation pump pressure	55 PSI				
		Irrigation water tank	High/Med/Low				
		General status	Normal				
Checked and recorded by							

บันทึกเพิ่มเติม

Grand Kata VIP.

Engineering Department.

Cold , Freezer & Consumption Record Log sheet.



Date :

NO.	ID Code	Name	Location	Temp. Setting(°C)	Morning shift 09.00	Afternoon shift 17.00	Night shift 01.00	Remark
1	CR-001	Chiller room	Prepare room	2.0	3.2	5.5		
2	CR-002	Freezer 4 door-upright		-18	-18.0	-11.3		
3	CR-003	Freezer 4 door-upright		-18	-14.6	-14.9		
4	CR-004	4 door-upright	Cold kitchen	2.0	4.5	5.9		
5	CR-005	3 door-Base		5.0	5.6	5.9		
6	CR-006	Ice-cream cabinet		-20	-23	-22		
7	CR-007	2 door-upright	Kitchen	2.0	3.5	2.0		
8	CR-008	3 door-Base	Hot kitchen	5.0	6.6	4.9		
9	CR-009	3 door-Base		5.0	5.5	5.0		
10	CR-010	3 door-Base	Bar at restaurant	4.0	5.0	off		
11	CR-011	3 door-Base		4.0	5.3	6.1		
12	CR-012	2 door-Base		4.0	off	off		
13	CR-013	3 door-Base	Pool bar Buil.A	2.0	3.1	3.0		
14	CR-014	3 door-Base	Pool bar Buil.B	2.0	off	off		
15	CR-015	2 door-Base		2.0	off	off		
Ice machine								
16	ICE-001	Ice machine	Kitchen	Normal	on	on		
17	ICE-003	Ice machine	Pool bar Buil.B	Normal	off	off		
Recorded by								

Consumption Record

ELECTRICITY

High Voltage 33KV PEA METER (From PEA Website)

Item Rate code time	KWH			Peak Demand KW			KWH Per day '000
	A '001 09-22	B '002 22-09	C '003 00-24	A '005 09-22	B '006 22-09	C '007 00-24	
Yesterday							
Today							
total							

WATER (Cubic meter)

Main Meter

Item	CW Meter PWA	Water Truck	Total In come
Yesterday			
Today			
Total			

Fuel in daytank

Item	Generator Fuel Level	Generator Runing Hours
Yesterday		
Today		
Total		

Guest OCC. _____

Unit _____

No. of guest _____

Others Record :

Recorded by

Acknowledged by

สัญญางานตรวจเช็คระบบ FIRE ALARM

สัญญาเลขที่ 01-1402/67

คู่สัญญานี้ทำระหว่าง บริษัท เอส.ที.เอส.ซิสเต็ม แอนด์ เอ็นจิเนียริง จำกัด ตั้งอยู่ที่ 9/97 ถนนศักดิ์เดช ตำบล [REDACTED] ในสัญญานี้เรียกว่า “ผู้รับจ้าง” กับ บริษัท แกรนด์ กะตะ วิโอพี จำกัด 58/147 หมู่ที่ 6 ตำบลราไวย์ อำเภอเมืองภูเก็ต จังหวัดภูเก็ต 83130 (ในสัญญานี้เรียกว่า “ผู้ว่าจ้าง”) ในสัญญานี้ทางบริษัทเป็นผู้ทำการตรวจเช็คระบบ FIRE ALARM (อาคาร A และ อาคาร B)

ระยะเวลาตามสัญญา

ระยะเวลาการตรวจเช็คตามสัญญา โดยเริ่มตรวจเช็คระบบ Fire alarm ในครั้งที่ 1 วันที่ 25 เมษายน 2567 ถึง 1 พฤษภาคม 2567 และเข้าตรวจเช็คในครั้งที่ 2 วันที่ 15 กันยายน 2567 ถึง 21 กันยายน 2567 โดยทางผู้รับจ้างจะเข้าดำเนินการตรวจเช็คระบบ ที่ บริษัท แกรนด์ กะตะ วิโอพี จำกัด 58/147 หมู่ที่ 6 ตำบลราไวย์ อำเภอเมืองภูเก็ต จังหวัดภูเก็ต 83130 (ในสัญญานี้จะเป็น “สถานที่รับบริการ”)

อัตราค่าบริการ

“ผู้ว่าจ้าง” ตกลงชำระค่าบริการให้กับผู้รับจ้าง ในอัตรา 44,940 (สี่หมื่นสี่พันเก้าร้อยสี่สิบบาทถ้วน)ราคานี้รวมภาษีมูลค่าเพิ่มแล้วต่อปี ตามเอกสารใบสั่งซื้อเลขที่ STS-01-6609015 ลงวันที่ 13 ตุลาคม 2566 นั้น และดำเนินการชำระเงิน 50% หลังยืนยันใบเสนอราคา อีก 50% หลังทำการตรวจเช็คระบบ Fire alarm (ครั้งที่1) แล้วเสร็จ หากทางผู้ว่าจ้างไม่ดำเนินการชำระตามที่ระบุข้างต้น ผู้รับจ้าง สามารถปฏิเสธการให้บริการ จนกว่าจะได้รับค่าบริการเต็มจำนวน ตามที่ระบุไว้ข้างต้น

ระเบียบที่ทางบริษัทจะต้องปฏิบัติ

“ผู้รับจ้าง” ต้องเข้าบริการการตรวจเช็ค ในชั่วโมงการทำงานปกติ โดยมาตรฐานการตรวจสอบทางด้านเทคนิค 2 ครั้ง/ปี (รายละเอียดตามที่ระบุไว้ในใบสั่งซื้อ) ข้อกำหนดการทำงานทั่วไปคือ วันจันทร์-ศุกร์ เวลา 08.00-17.00 น. เว้น วันเสาร์-อาทิตย์ และวันหยุดประเพณีบริษัทฯ

ในกรณีที่ทางผู้รับจ้าง ไม่สามารถแก้ปัญหาที่พบ ผ่านทางโทรศัพท์ ซึ่งมีการพบข้อบกพร่องที่มากกว่าปกติ ทางบริษัทฯ ต้องมาดำเนินการตรวจสอบที่สถานที่รับบริการที่พบปัญหา ตรวจสอบแก้ไข ภายใน 48 ชั่วโมง เมื่อได้รับการแจ้งปัญหาจากทางผู้รับบริการ

“ผู้รับจ้าง” ยินดีที่จะรับผิดชอบต่ออุบัติเหตุหรือความประมาทในการทำงานหรือ อื่นๆ ในการทำงาน หรือ ภัยอันตราย ความเสียหายใดๆ ที่เกิดขึ้นต่อบุคคลอื่นทั่วไปทั้งทางร่างกาย และทรัพย์สินทั้งบุคคลอื่นและทรัพย์สินของ “ผู้ว่าจ้าง”

“ผู้รับจ้าง” จะต้องดำเนินการตามสัญญาด้วยความระมัดระวังและความเชี่ยวชาญตามที่คาดหมาย ได้จากผู้ ประกอบวิชาชีพ รับผิดชอบในการจ้างพนักงานและตัวแทนของท่านตามกฎหมาย ปฏิบัติตามกฎหมายที่เกี่ยวข้องกับ การก่อสร้าง โดยเคร่งครัด และปฏิบัติตามระเบียบข้อบังคับหรือคำสั่งของ “ผู้ว่าจ้าง” ทั้งที่ได้ประกาศอยู่แล้ว หรือที่ จะได้ประกาศใช้ในอนาคตรวมทั้งจะต้องปฏิบัติตาม พรบ.ความปลอดภัย อาชีวอนามัยและสภาพแวดล้อมในการ ทำงานพ.ศ.2554 และกฎหมายอื่นๆที่เกี่ยวข้อง

“ผู้รับจ้าง” จะต้องไม่โอนสิทธิหรือข้อผูกพันใดๆตามสัญญานี้ หรือจ้างช่วงบริการหรือส่วนใดส่วนหนึ่งของบริการโดย ไม่ได้รับอนุญาตเป็นลายลักษณ์อักษรจาก “ผู้ว่าจ้าง”

การสิ้นสุดสัญญาและการต่อสัญญา

หากฝ่ายใดดำเนินการผิดหรือเป็นเหตุอันทำให้เกิดความเสียหายอันเป็นเหตุให้อีกฝ่ายยกเลิกสัญญา และสามารถ เรียกชดเชยค่าเสียหายจากเหตุที่เกิดขึ้นจากอีกฝ่าย

หากสัญญาฝ่ายหนึ่งฝ่ายใด ต้องการยกเลิกสัญญา ต้องมีการเขียนหนังสือเป็นลายลักษณ์อักษรส่งถึงอีกฝ่ายล่วงหน้า 30 วัน

สัญญาฉบับนี้จัดทำซ้ำไว้เหมือนกัน 2 ฉบับ ทั้ง 2 ฝ่าย ได้อ่านและทำความเข้าใจในข้อความตรงกัน ปฏิบัติตาม สัญญาที่ระบุตามฉบับนี้ การแก้ไขเพิ่มเติมหรือเปลี่ยนแปลงสัญญานี้ไม่ว่าส่วนหนึ่งส่วนใด จะต้องทำเป็นหนังสือ และ ลงลายมือชื่อของคู่สัญญาทั้งสองฝ่ายไว้เป็นสำคัญจึงจะมีผลใช้บังคับระหว่างคู่สัญญาได้สัญญาฉบับนี้ได้ทำขึ้นสอง ฉบับ มีข้อความถูกต้องตรงกัน คู่สัญญาได้อ่านและทำความเข้าใจข้อความในสัญญานี้โดยตลอดจึงได้ลงลายมือชื่อไว้ เป็นสำคัญต่อหน้าพยาน และยึดถือไว้ฝ่ายละหนึ่งฉบับ

บริษัท แกรนด์ กะตะ วีไอพี จำกัด โดย :

กรรมการบริษัท

GRAND KATA VIP CO., LTD.

พยาน

วันที่: 12 / 03 / 2024

วันที่: 14 / 03 / 2024

บริษัท เอส.ที.เอส.ซิสเต็ม แอนด์ เอ็นจิเนียริง จำกัด

(นาย )

(นางสาว )

กรรมการบริษัท

ENGINEERING CO.,LTD.

พยาน

วันที่: 23 / 2 / 2567

วันที่: 23 / 02 / 2567

รายงานตรวจเช็คระบบ FIRE ALARM

(แบบสุ่มทดสอบ)



บริษัท เอส.ที.เอส.ซิสเต็ม แอนด์ เอ็นจิเนียริง จำกัด

9/97 ถ.ศักดิ์เดช ต.ตลาดเหนือ อ.เมืองภูเก็ต จ.ภูเก็ต 83000

คำนำ

อัคคีภัยก่อให้เกิดความสูญเสียทั้งชีวิตและทรัพย์สิน สาเหตุส่วนใหญ่มาจากขณะที่เริ่มเกิดเหตุเพลิงไหม้ จะไม่มีคนอยู่ในบริเวณที่เกิดเหตุ หรือเกิดในบริเวณที่ไม่มีคนเห็น หรือจุดอัปสยตา ซึ่งกว่าจะรู้ตัวเพลิงก็ลุกลามจนเกินกำลังที่จะแก้ไขได้ทันเหตุการณ์ ดังนั้นจึงจำเป็นต้องมีระบบสัญญาณเตือนอัคคีภัยติดตั้งไว้ภายในตัวอาคารเพื่อให้สามารถรับรู้เหตุการณ์ รวมถึงอุปกรณ์ช่วยในการดับเพลิงขนาดเล็ก อาทิ ถังดับเพลิงทั่วไป หรือถังดับเพลิงสารเคมีเฉพาะ อยู่ภายในอาคารจะทำการสกัดการลุกลามของไฟได้ ล่วงหน้าก่อนที่จะลุกลามจนควบคุมไม่ได้

รายงานฉบับนี้จัดทำขึ้นเพื่อประกอบการตรวจเช็คและทดสอบระบบสัญญาณเตือนแจ้งเหตุเพลิงไหม้ (Fire Alarm System)

ขอบเขตการตรวจเช็คและทดสอบโดยได้ปฏิบัติงานตรวจสอบอุปกรณ์ประกอบระบบแจ้งเหตุเพลิงไหม้ทั้งหมด อาทิเช่น อุปกรณ์ตัวจับควัน (Smoke Detector) , อุปกรณ์ตัวจับความร้อน (Heat Detector) , อุปกรณ์แจ้งเหตุด้วยมือ (Manual Station) , อุปกรณ์แสดงพื้นที่เกิดเหตุ (ANN.) และตู้ Fire Alarm Control Panel (FCP) นั้นอยู่ในสถานะพร้อมใช้งานหรือไม่ และนำเสนอผลการตรวจสอบเป็นรายงานต่อผู้ควบคุมงาน

บริษัท เอส.ที.เอส.ซิสเต็ม แอนด์ เอ็นจิเนียริง จำกัด

คณะผู้จัดทำ

ระบบสัญญาณเตือนอัคคีภัย (Fire Alarm System)

อัคคีภัยก่อให้เกิดความสูญเสียทั้งชีวิตและทรัพย์สิน สาเหตุส่วนใหญ่มาจากขณะที่เริ่มเกิดเพลิงไหม้จะไม่มีใครอยู่หรือเกิดในบริเวณที่ไม่มีคนเห็น กว่าที่รู้ตัวเพลิงก็ลุกลามจนเกินกำลังที่คนไม่กี่คนหรืออุปกรณ์ดับเพลิงขนาดเล็กที่มีอยู่ภายในอาคารจะทำการสกัดไฟได้ ดังนั้นจึงจำเป็นต้องมีระบบสัญญาณเตือนอัคคีภัยติดตั้งไว้ในอาคาร เพื่อให้สามารถรับรู้เหตุการณ์ล่วงหน้าก่อนที่ไฟจะลุกลามจนควบคุมไม่ได้

ส่วนประกอบของระบบสัญญาณเตือนอัคคีภัย

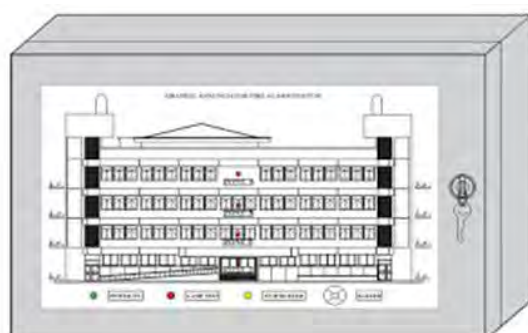
1. แผงควบคุม (Fire Alarm Control Panel)

เป็นส่วนควบคุมและตรวจสอบการทำงานของอุปกรณ์และส่วนต่างๆในระบบทั้งหมด จะประกอบด้วย วงจรควบคุมและรับสัญญาณจากอุปกรณ์เริ่มสัญญาณ , วงจรทดสอบการทำงาน , วงจรป้องกันระบบ , วงจรสัญญาณแจ้งการทำงานในสภาวะปกติและสภาวะขัดข้อง เช่น สายไฟจากอุปกรณ์ตรวจจับขาด , แบตเตอรี่ต่ำ หรือไฟจ่ายตู้แผงควบคุมโดนตัดขาด เป็นต้น ตู้แผงควบคุม (FCP) จะมีสัญญาณไฟและเสียงแสดงสภาวะต่างๆบนหน้าตู้



2. ตู้แผงภาพโชว์จุดเกิดเหตุ (Graphic Annunciator)

หลังจากอุปกรณ์เริ่มสัญญาณทำงานโดยส่งสัญญาณมายังตู้ควบคุม (FCP) แล้ว FCP จะส่งสัญญาณมาที่ภาพกราฟฟิกเพื่อให้เราทราบตำแหน่งของอุปกรณ์



- สวิตช์ LAMP TEST สำหรับทดสอบหลอดไฟ
- สวิตช์ STOP BUZZER สำหรับปิดเสียง บัลเซอร์
- LED สำหรับไฟแจ้งเตือน
- LED POWER ON แสดงการทำงานระบบปกติ
- BUZZER บัลเซอร์

3. อุปกรณ์ตรวจจับควันชนิดโฟโตอิเล็กตริก (Photoelectric Smoke Detector)

เหมาะสำหรับใช้ตรวจจับสัญญาณควันในระยะที่มีอนุภาคของควันที่ใหญ่ขึ้น Photoelectric Smoke Detector ทำงานโดยใช้หลักการสะท้อนของแสง เมื่อมีควันเข้ามาในตัวตรวจจับควันจะไปกระทบกับแสงที่ออกมาจาก Photoemitter ซึ่งไม่ได้ส่องตรงไปยังอุปกรณ์รับแสง Photo receptor แต่แสงดังกล่าวบางส่วนจะสะท้อนอนุภาคควันและหักเหเข้าไปที่ Photo receptor ทำให้วงจรตรวจจับของตัวตรวจจับควันส่งสัญญาณแจ้ง Alarm

4. อุปกรณ์ตรวจจับความร้อนชนิดจับอัตราการเพิ่มของอุณหภูมิ (Rate-of-Rise Heat Detector)

อุปกรณ์ชนิดนี้จะทำงานเมื่อมีอัตราการเพิ่มของอุณหภูมิเปลี่ยนแปลงไปตั้งแต่ 10 องศาเซลเซียส ใน 1 นาที ส่วนลักษณะการทำงาน อากาศในส่วนด้านบนของส่วนรับความร้อนเมื่อถูกความร้อน จะขยายตัวอย่างรวดเร็วมากจนอากาศที่ขยายไม่สามารถเล็ดลอดออกมาในช่องระบายได้ ทำให้เกิดความดันสูงมากขึ้นและไปดันแผ่นไดอะแฟรมให้ขาดจนแตกแต่ละกัน ทำให้อุปกรณ์ตรวจจับความร้อนนี้ส่งสัญญาณไปยังตู้ควบคุม



5. อุปกรณ์แจ้งเหตุด้วยมือ (Manual Station)

สถานีแจ้งสัญญาณเตือนอัคคีภัยแบบใช้มือกด (Manual Push Station) เริ่มทำงานโดยอาศัยการกระตุ้นจากบุคคล โดยการดึงหรือทุบกระจกให้แตก อุปกรณ์แจ้งเหตุด้วยมือปกติจะมีเครื่องหมายแสดงไว้ให้มองเห็นและเข้าใจง่าย การปรับตั้งค่าใหม่หลังจากใช้งานแล้วจะทำได้โดยการไขกุญแจหรือเปลี่ยนกระจกใหม่



6. อุปกรณ์แจ้งสัญญาณด้วยเสียง (Audible Alarm Devices)

หลังจากอุปกรณ์เริ่มสัญญาณทำงาน โดยส่งสัญญาณมายังตู้ควบคุม (FCP) แล้ว ตู้ FCP จึงส่งสัญญาณออกมา โดยผ่านอุปกรณ์กระดิ่งเพื่อให้ผู้อยู่อาศัย , ผู้รับผิดชอบ หรือเจ้าหน้าที่ดับเพลิงได้ทราบว่าเกิดเหตุเพลิงไหม้เกิดขึ้น





Project : บจก.แกรนด์ กะตะ วิไอพี

System : Fire Alarm System : WILL-FF-516

Check by : S.T.S.SYSTEM & ENGINEERING CO.,LTD.

Date : 29 May 2024

Preventive Maintenance

Check List Report

ครั้งที่ 1

1. ตู้ Fire Alarm Control Panel (FCP)

1.1 Fire Alarm Control Panel (FCP : BUILDING A&B)

Brand FCP : WILL

Model FCP : FF-516

System : ☒ Conventional Zone 16 Zone
☐ Semi-Multiplexer Loop

1.2 สถานะตู้ FCP ขณะถึงหน้างาน

ตู้ FCP ☒ เปิดระบบ
ตู้ FCP ☐ ปิดระบบ สาเหตุที่ปิด :
ตู้ FCP ☒ ไม่มี Alarm
แจ้ง Alarm ☐ มี Alarm จำนวน :
ตู้ FCP ☒ ไม่มี Fault
แจ้ง Trouble ☐ มี Fault จำนวน :

1.3 การทำงานของ Fire Alarm Control Panel (FCP)

No.	Check the current condition of the cabinet.	Inspection Results / ผลการตรวจเช็ค		Remark
ลำดับ	ตรวจสอบสภาพตู้ปัจจุบัน	OK	NOT	หมายเหตุ
1	ตรวจสอบฟังก์ชันการทำงานตู้			
	- สวิตช์ปิดเสียงตู้	✓		
	- สวิตช์ปิดเสียงกระดิ่ง	✓		
	- หลอดแสดงผล Alarm	✓		
	- หลอดแสดงผล Trouble	✓		
	- เสียง Buzzer ของตู้ FCP	✓		
2	ตรวจสอบ Charger Battery & Battery			
	- ตรวจสอบสภาพ Battery	✓		
	- แรงดัน : Charger 24.00 Vdc.	✓		
	- แรงดัน : Battery 24.00 Vdc.	✓		
	- ตรวจสอบขดลวดไฟ Main 220 Vac.	✓		
3	การทำงานของอุปกรณ์แจ้งเหตุเพลิงไหม้			
	- อุปกรณ์หน่วงเวลาก่อนแจ้งเหตุ (Timer)			
	- ระบบแจ้งเหตุเฉพาะโซนที่เกิดเหตุ (Ring By Zone)			ไม่รองรับ
	- ระบบแจ้งเหตุระหว่างชั้นและชั้นที่เกิดเหตุ (Sandwiches)			ไม่รองรับ
	- ระบบแจ้งเหตุพร้อมกันทุกโซนที่มี (General Alarm)	✓		
4	รายการตรวจเช็คอื่นๆ (โปรดระบุ)			
	- ทำความสะอาดตู้ FCP	✓		
	- Terminal และจุดเชื่อมต่อต่างๆ			
5	Zone Detector & Bell			
	- ตรวจสอบจำนวน Zone Detector : 16 Zone	✓		
	- ตรวจสอบจำนวน Zone Bell : 16 Zone	✓		
6	การทำงานของ Power Supply			
	- แรงดัน : Charger 24.00 Vdc.	✓		
	- แรงดัน : Battery 24.00 Vdc.	✓		
7	รายการตรวจเช็คอื่นๆ (โปรดระบุ)			

Project : บจก.แกรนด์ กะตะ วิไอพี

System : Fire Alarm System : WILL-FF-516

Check by : S.T.S.SYSTEM & ENGINEERING CO.,LTD.

Date : 29 May 2024

Preventive Maintenance

Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building A							
	ห้อง Server	Smoke	✓				
	Lobby	Smoke	✓				
	เคาเตอร์ Lobby	Smoke	✓				
	หัวหน้า	Smoke	✓				
	ห้องเก็บของออฟฟิศ 1	Smoke	✓				
	ออฟฟิศ	Smoke		✗			ไม่ Alarm
	หน้าลิฟท์ - Fl.1	Smoke	✓				
	ST01 - Fl.1	Smoke	✓				
	หน้าลิฟท์ - Fl.2	Smoke	✓				
	ทางเดินหน้าห้อง 1202	Smoke	✓				
	หน้าห้อง 1201	Smoke	✓				
	หน้าลิฟท์	Manual	✓				
	หน้าห้อง 1211	Smoke	✓				
Building A - Floor 2							
1201	Living	Smoke					
	MS Bed	Smoke	✓		✓		
	Kitchen	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
1202	Bedroom 1	Smoke	✓		✓		
	Living	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
1203	Bedroom	Smoke					
	Living	Smoke					
1204	Bedroom	Smoke					
	Living	Smoke					
1205	Bedroom	Smoke					
	Living	Smoke					
1206	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
1207	Bedroom	Smoke					
	Living	Smoke					
1208	Bedroom	Smoke					
	Living	Smoke					
1209	Bedroom	Smoke					
	Living	Smoke					



Project : บจก.แกรนด์ ทะตะ วิไอพี

System : Fire Alarm System : WILL-FF-516

Check by : S.T.S.SYSTEM & ENGINEERING CO.,LTD.

Date : 29 May 2024

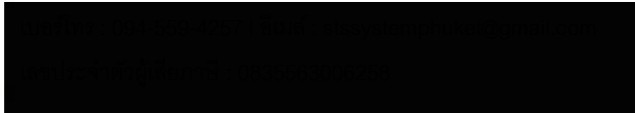
Preventive Maintenance

Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building A - Floor 2 (ต่อ)							
1210	Bedroom	Smoke					
	Living	Smoke					
1211	Bedroom 1	Smoke					
	Living	Smoke					
	Living	Smoke					
	Bedroom 2	Smoke					
1212	Bedroom 1	Smoke	✓		✓		
	Living	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
	Bedroom 3	Smoke	✓		✓		
	บันไดหนีไฟ - Fl.2	Smoke	✓				
	ST01 - Fl.2	Smoke	✓				
	หน้า ST2	Manual	✓				
Building A - Floor 3							
1301	Bedroom	Smoke					
	Living	Smoke					
1302	Bedroom	Smoke					
	Living	Smoke					
1303	Bedroom	Smoke					
	Living	Smoke					
1304	Bedroom	Smoke					
	Living	Smoke					
1305	Bedroom	Smoke					
	Living	Smoke					
1306	Bedroom	Smoke					
	Living	Smoke					
1307	Bedroom	Smoke					
	Living	Smoke					
1308	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
1309	Bedroom	Smoke					
	Living	Smoke					
1310	Bedroom	Smoke					
	Living	Smoke					
1311	Bedroom	Smoke					
	Living	Smoke					



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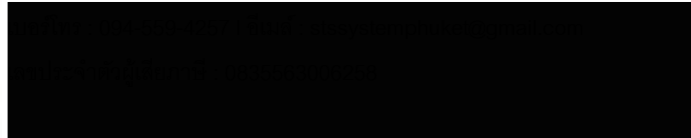
Preventive Maintenance

Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building A - Floor 3 (ต่อ)							
1312	Bedroom	Smoke					
	Living	Smoke					
1313	Bedroom	Smoke					
	Living	Smoke					
1314	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
1315	Bedroom	Smoke					
	Living	Smoke					
	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
1316	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
1317	Living	Smoke	✓		✓		
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
1318	Living	Smoke					
	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
1319	Living	Smoke	✓		✓		
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
	Dining Room	Smoke	✓		✓		
Corridor	หน้าลิฟท์ - Fl.3	Smoke	✓				
	หน้าลิฟท์ - Fl.3	Manual	✓				
	ทางเดินหน้าห้อง 1308	Smoke	✓				
	ทางเดินหน้าห้อง 1309	Smoke	✓				
	ทางเดินหน้าห้อง 1313	Smoke	✓				
	ST02 - Fl.3	Smoke	✓				
	บันไดหนีไฟ - Fl.3	Smoke	✓				
	หน้าห้อง 1317	Smoke	✓				
	หน้าห้อง 1319	Smoke	✓				
Building A - Floor 4							
1401	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		



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Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building A - Floor 4 (ต่อ)							
1402	Bedroom	Smoke					
	Living	Smoke					
1403	Bedroom	Smoke					
	Living	Smoke					
1404	Bedroom	Smoke					
	Living	Smoke					
1405	Bedroom	Smoke					
	Living	Smoke					
1406	Bedroom	Smoke	✓			✗	
	Living	Smoke	✓			✗	
1407	Bedroom	Smoke					
	Living	Smoke					
1408	Bedroom	Smoke					
	Living	Smoke					
1409	Bedroom	Smoke					
	Living	Smoke					
1410	Bedroom	Smoke					
	Living	Smoke					
1411	Bedroom	Smoke					
	Living	Smoke					
1412	Bedroom	Smoke					
	Living	Smoke					
1413	Bedroom	Smoke					
	Living	Smoke					
1414	Bedroom	Smoke					
	Living	Smoke					
1415	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
1416	Living	Smoke					
	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
1417	Living	Smoke	✓		✓		
	Bedroom 1	Smoke		✗			
	Bedroom 2	Smoke	✓		✓		

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Date : 29 May 2024

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Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building A - Floor 4 (ต่อ)							
1418	Living	Smoke	✓		✓		
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
1419	Living	Smoke	✓		✓		
	Bedroom 1	Manual	✓		✓		
	Bedroom 2	Smoke	✓		✓		
1419-FI.2	Bedroom 3	Smoke	✓		✓		
	Bedroom 4	Smoke	✓		✓		
Corridor	หน้าห้อง 1409	Smoke	✓				
	หน้าห้อง 1412	Smoke	✓				
	หน้าห้อง 1414	Smoke	✓				
	หน้าห้อง 1416	Smoke	✓				
	หน้าห้อง 1417	Smoke	✓				
	หน้าห้อง 1419	Smoke	✓				
	หน้าบันไดหนีไฟ - FI.2	Manual	✓				
	ST01 - FI.4	Smoke	✓				
	หน้าลิฟท์ - FI.4	Smoke	✓				
	หน้าลิฟท์ - FI.4	Manual	✓				
	หน้าบันไดหนีไฟ - FI.4	Smoke	✓				
	ST01 - FI.5	Smoke	✓				
	หน้าลิฟท์ - FI.5	Smoke	✓				
Building A - Floor 5							
1501	Bedroom	Smoke					
	Living	Smoke					
1502	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
1503	Bedroom	Smoke	✓			✗	
	Living	Smoke	✓		✓		
1504	Bedroom	Smoke					
	Living	Smoke					
1505	Bedroom	Smoke					
	Living	Smoke					
1506	Living	Smoke		✗			
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		

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Date : 29 May 2024

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Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building A - Floor 5 (ต่อ)							
1507	Living	Smoke					
	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
1508	Living	Smoke					
	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
Corridor	หน้าห้อง 1501	Smoke					
	หน้าห้อง 1506	Smoke		×			
	บันไดหนีไฟ 3 - Fl.5	Smoke	✓				
	หน้าลิฟท์ - Fl.5	Manual		×			
	หน้าฟิตเนส	Manual	✓				
	ห้องน้ำหญิง - Fl.5	Smoke		×			
	ห้องน้ำชาย - Fl.5	Smoke	✓				
	ST01 - Fl.6	Smoke	✓				
	หน้าลิฟท์ - Fl.6	Smoke	✓				
Fitness	หน้าลิฟท์ - Fl.6	Manual		×			
	Fitness	Smoke		×			Smoke มีรอยแตก
Building A - Floor 6							
1601	Bedroom	Smoke					
	Living	Smoke					
1602	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
1603	Bedroom	Smoke					
	Living	Smoke					
1604	Bedroom	Smoke					
	Living	Smoke					
1605	Living	Smoke	✓		✓		
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
1606	Living	Smoke	✓		✓		
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
1607	Living	Smoke	✓		✓		
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		

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Preventive Maintenance

Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building A - Floor 6 (ต่อ)							
1608	Living	Smoke	✓		✓		
	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
Corridor	หน้าห้อง 1605	Smoke	✓				
	หน้าห้อง 1608	Smoke	✓				
	บันไดหนีไฟ	Smoke	✓				
	ST01 - Fl.7	Smoke	✓				
	หน้าลิฟท์ - Fl.7	Smoke	✓				
	หน้าลิฟท์ - Fl.7	Manual	✓				
Building A - Floor 7							
1701	Bedroom 1	Smoke					
	Living	Smoke					
1701-Fl.2	Bedroom 2	Smoke					
1702	Bedroom	Smoke					
	Living	Smoke					
1703	Living	Smoke					
	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
1703-Fl.2	Living	Smoke					
	Bedroom 3	Smoke					
	Bedroom 4	Smoke					
1704	Living	Smoke					
	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
1705	Bedroom 1/1	Smoke	✓		✓		
	Bedroom 1/2	Smoke	✓		✓		
	Bedroom 2/1	Smoke		✗			
	Bedroom 2/2	Smoke	✓		✓		
	Bedroom 3	Smoke	✓		✓		
	Kitchen 1	Smoke	✓		✓		
	Kitchen 2	Smoke	✓		✓		
	Living 1	Smoke	✓		✓		
	Living 2	Smoke	✓		✓		
	หน้าห้อง 1704	Smoke	✓				
	หน้าห้อง 1705	Smoke	✓				
	บันไดหนีไฟ - Fl.7	Smoke	✓				

Project : บจก.แกรนด์ ทะตะ วิไอพี

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Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building A - Floor 7 (ต่อ)							
	ST01 - Fl.8	Smoke		×			
	หน้าลิฟท์ - Fl.8	Smoke	✓				
	หน้าลิฟท์ - Fl.8	Manual	✓				
	หน้าห้อง 1703/8	Manual	✓				
Building A - Floor 8							
Hall Room	1st Right Side	Smoke	✓		✓		
	2nd Right Side	Manual	✓		✓		
	3th Right Side	Smoke	✓		✓		
	1st Left Side	Smoke	✓		✓		
	2nd Left Side	Manual	✓		✓		
	3th Left Side	Smoke	✓		✓		
	1801 Bedroom	Smoke	✓		✓		
(Comp.)	Living	Smoke	✓		✓		
Building B - Floor 1							
2101	Bedroom	Smoke					
	Living	Smoke					
2102	Bedroom	Smoke					
	Living	Smoke					
2103	Bedroom	Smoke					
	Living	Smoke					
2104	Bedroom	Smoke					
	Living	Smoke					
2105	Bedroom	Smoke					
	Living	Smoke					
2106	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
	Living	Smoke					
2107	Bedroom	Smoke					
	Living	Smoke					
2108	Bedroom	Smoke					
	Living	Smoke					
2109	Bedroom	Smoke					
	Living	Smoke					
2110	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		

Project : บจก.แกรนด์ กระตะ วิไอพี

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Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building B - Floor 1 (ต่อ)							
2111	Bedroom	Smoke					
	Living	Smoke					
2112	Bedroom	Smoke					
	Living	Smoke					
2113	Bedroom	Manual					
	Living	Manual					
2114	Bedroom	Smoke					
	Living	Smoke					
2115	Bedroom	Smoke					
	Living	Smoke					
2116	Living	Smoke					
	Bedroom 1	Smoke					
	Studio Room	Smoke					
Kids Club	Kids Club	Smoke	✓				
Server Room	Server Room	Smoke	✓				
Corridor	ทางเดินหน้าห้อง 2107	Smoke	✓				
	หน้าห้อง 2113	Manual	✓				
	หน้าห้อง 2106	Manual	✓				
	หน้าห้อง 2101	Manual	✓				
	หน้าห้อง 2103	Bell		✗			
Building B - Floor 2							
2201	Bedroom	Smoke					
	Living	Smoke					
2202	Bedroom	Smoke					
	Living	Smoke					
2203	Bedroom	Smoke					
	Living	Smoke					
2204	Bedroom	Smoke					
	Living	Smoke					
2205	Bedroom	Smoke					
	Living	Smoke					
2206	Bedroom	Smoke					
	Living	Smoke					
2207	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
	Living	Smoke	✓		✓		

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Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building B - Floor 2 (ต่อ)							
2208	Bedroom	Smoke					
	Living	Smoke					
2209	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓			✗	
2210	Bedroom	Smoke					
	Living	Smoke					
2211	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2212	Bedroom	Smoke					
	Living	Smoke					
2213	Bedroom	Smoke					
	Living	Smoke					
2214	Bedroom	Manual					
	Living	Smoke					
2215	Bedroom	Smoke					
	Living	Smoke					
2216	Bedroom	Smoke					
	Living	Smoke					
2217	Living	Smoke					
	Bedroom	Smoke					
	Studio Room	Smoke					
2218	Bedroom	Smoke					
	Living	Smoke					
2219	Bedroom	Smoke					
	Living	Smoke					
2220	Bedroom	Smoke					
	Living	Smoke					
Corridor	หน้าห้อง 2208	Smoke	✓				
	หน้าห้อง 2209	Smoke	✓				
	หน้าห้อง 2207	Manual	✓				
	หน้าห้อง 2202	Manual	✓				
	หน้าห้อง 2220	Manual		✗			โซ่ Fault
Building B - Floor 3							
2301	Bedroom	Smoke					
	Living	Smoke					

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Preventive Maintenance

Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building B - Floor 3 (ต่อ)							
2302	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2303	Bedroom	Smoke					
	Living	Smoke					
2304	Bedroom	Smoke					
	Living	Smoke					
2305	Bedroom	Smoke					
	Living	Smoke					
2306	Bedroom	Smoke					
	Living	Smoke					
2307	Bedroom	Smoke					
	Living	Smoke					
2308	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2309	Bedroom	Smoke					
	Living	Smoke					
2310	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2311	Bedroom	Smoke					
	Living	Smoke					
2312	Bedroom	Smoke					
	Living	Smoke					
2313	Bedroom	Smoke					
	Living	Smoke					
2314	Bedroom	Smoke					
	Living	Smoke					
2315	Bedroom	Smoke					
	Living	Smoke					
2316	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2317	Bedroom	Smoke					
	Living	Smoke					
2318	Living	Smoke					
	Bedroom 1	Smoke					
	Studio Room	Smoke					

Project : บจก.แกรนด์ ทะตะ วิไอพี

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Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building B - Floor 3 (ต่อ)							
2319	Bedroom	Smoke					
	Living	Smoke					
2320	Bedroom	Smoke					
	Living	Smoke					
2321	Bedroom	Smoke					
	Living	Smoke					
Corridor	บันไดหนีไฟ	Smoke	✓				
	หน้าห้อง 2311	Smoke	✓				
	หน้าห้อง 2316	Smoke	✓				
	หน้าห้อง 2321	Manual	✓				
	หน้าห้อง 2303	Manual	✓				
	หน้าห้อง 2308	Manual	✓				
Building B - Floor 4							
2401	Bedroom	Smoke					
	Living	Smoke					
2402	Bedroom	Smoke					
	Living	Smoke					
2403	Bedroom	Smoke					
	Living	Smoke					
2404	Bedroom	Smoke					
	Living	Smoke					
2405	Bedroom	Smoke					
	Living	Smoke					
2406	Bedroom	Smoke					
	Living	Smoke					
2407	Bedroom	Smoke					
	Living	Smoke					
2408	Bedroom 1	Smoke					
	Bedroom 2	Smoke					
	Living	Smoke					
2409	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2410	Bedroom	Smoke					
	Living	Smoke					
2411	Bedroom	Smoke					
	Living	Smoke					

Project : บจก.แกรนด์ กะตะ วิไอพี

System : Fire Alarm System : WILL-FF-516

Check by : S.T.S.SYSTEM & ENGINEERING CO.,LTD.

Date : 29 May 2024

Preventive Maintenance

Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building B - Floor 4 (ต่อ)							
2412	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2413	Bedroom	Smoke					
	Living	Smoke					
2414	Bedroom	Smoke					
	Living	Smoke					
2415	Bedroom	Smoke					
	Living	Smoke					
2416	Bedroom	Manual					
	Living	Manual					
2417	Bedroom	Manual	✓		✓		
	Living	Bell	✓		✓		
2418	Living	Smoke	✓		✓		
	Bedroom	Smoke	✓		✓		
	Studio Room	Smoke	✓		✓		
2419	Bedroom	Smoke					
	Living	Smoke					
2420	Bedroom	Smoke					
	Living	Smoke					
2421	Bedroom	Smoke					
	Living	Smoke					
Corridor	หน้าห้อง 2408	Manual	✓				
	หน้าห้อง 2403	Manual	✓				
	หน้าห้อง 2421	Manual	✓				
Building B - Floor 5							
2501	Bedroom	Smoke					
	Living	Smoke					
2502	Bedroom	Smoke					
	Living	Smoke					
2503	Bedroom	Smoke					
	Living	Smoke					
2504	Bedroom	Smoke					
	Living	Smoke					
2505	Bedroom	Smoke					
	Living	Smoke					

Project : บจก.แกรนด์ ทะตะ วิไอพี

System : Fire Alarm System : WILL-FF-516

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Date : 29 May 2024

Preventive Maintenance

Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building B - Floor 5 (ต่อ)							
2506	Bedroom 1	Smoke	✓		✓		
	Bedroom 2	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2507	Bedroom	Smoke					
	Living	Smoke					
2508	Bedroom	Smoke					
	Living	Smoke					
2509	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2510	Bedroom	Smoke					
	Living	Smoke					
2511	Bedroom	Smoke					
	Living	Smoke					
2512	Bedroom	Smoke					
	Living	Smoke					
2513	Bedroom	Smoke	✓		✓		
	Living	Smoke	✓		✓		
2514	Bedroom	Smoke					
	Living	Smoke					
2515	Bedroom	Smoke					
	Living	Smoke					
2516	Living	Smoke					
	Bedroom	Smoke					
	Studio Room	Smoke					
2517	Bedroom	Smoke					
	Living	Smoke					
2518	Bedroom	Smoke					
	Living	Smoke					
2519	Bedroom	Smoke					
	Living	Smoke					
Corridor	หน้าห้อง 2415	Smoke	✓				
	หน้าห้อง 2507	Smoke	✓				
	หน้าห้อง 2516	Smoke	✓				
	หน้าลิฟท์ - Fl.5	Smoke	✓				

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Date : 29 May 2024

Preventive Maintenance

Check List Report

ครั้งที่ 1

2. ตารางตรวจเช็คค่าอุปกรณ์ Smoke Detector และ Bell

Room No.	Area	Type	Normal	Waste	Remote Lamp		Remark
ห้อง	พื้นที่ตรวจเช็ค	ชนิดอุปกรณ์	ปกติ	เสีย	ปกติ	เสีย	หมายเหตุ
Building B - Floor 5 (ต่อ)							
Stay	ST03 - Fl.5	Smoke	✓				
	ST02 - Fl.5	Smoke	✓				
	ST02 - Fl.4	Smoke	✓				
	ST03 - Fl.6	Smoke	✓				
	ห้องปั๊มชั้นดาดฟ้า	Smoke	✓				
	ห้องช่าง	Smoke	✓				
Corridor	หน้าลิฟท์	Smoke	✓				
	หน้าห้องขยะ	Manual	✓				
	หน้าห้อง 2519	Manual	✓				
	หน้าห้อง 2501	Manual	✓				
	หน้าห้อง 2506	Manual	✓				

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Preventive Maintenance

Check List Report

ครั้งที่ 1

3. ตู้ Graphic Annunciator

3.1 Graphic Annunciator (GNN.)

บอร์ด ANN. : ☒ Conventional Zone : _____ Zone
☐ Semi-Multiplexer : _____ Loop

3.2 สถานะตู้ FCP ขณะถึงหน้างาน

ตู้ GNN. ☒ เปิดระบบ
☐ ปิดระบบ สาเหตุที่ปิด : _____
ตู้ GNN. ☒ ไม่มี Alarm
แจ้ง Alarm ☐ มี Alarm จำนวน : _____
ตู้ GNN. ☒ ไม่มี Fault
แจ้ง Fault ☐ มี Fault จำนวน : _____

3.3 การทำงานของ Graphic Annunciator (GNN.)

No.	Check the current condition of the cabinet.	Inspection Results / ผลการตรวจเช็ค		Remark
ลำดับ	ตรวจสอบสภาพตู้ปัจจุบัน	OK	NOT	หมายเหตุ
1	ตรวจสอบฟังก์ชันการทำงานตู้			
	- สวิตช์ปิดเสียงตู้	✓		
	- สวิตช์ปิดเสียงกระดิ่ง	✓		
	- หลอดแสดงผล Alarm	✓		
	- หลอดแสดงผล Trouble	✓		
	- เสียง Buzzer ของตู้ GNN.	✓		
2	ตรวจสอบ Charger Battery & Battery			
	- ตรวจแรงดัน Power ที่จ่ายบอร์ดตู้ GNN. : 24 Vdc.	✓		
3	รายการตรวจเช็คอื่นๆ (โปรดระบุ)			
	- ทำความสะอาดตู้ GNN.	✓		
	- Terminal ต่างๆ	✓		
4	Zone Detector & Bell			
	- ตรวจสอบจำนวน Zone Detector : <u>16 Zone</u>			
	- ตรวจสอบจำนวน Zone Bell : <u>1 Zone</u>			