

PREVENTIVE MAINTENANCE

MOTOR AND PUMP

P.M. WEEK : 25

Machine Code : WM-02

LOCATION : A5

CENTRAL BOARD
OF WATER
SUPPLY

DATE : 30/5/16

Service code: ☐ W ☐ M ☐ P ☐ O ☐ H ☐ Y

TYPE					DESCRIPTION	STATUS	
PUMP							
		Q	H	Y	Check pump bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check pulley alignment, linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
	M	Q	H	Y	- Notice pump sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
			H	Y	- Examine screw, nut if still fixed	<input type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	Check mechanical seal for condition adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check coupling for condition, replace defective parts if necessary	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check coupling alignment.	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	Check strainer's basket, clean if necessary.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for piping condition & leak, repair if necessary.	<input type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check foundation & Vibration Isolators.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	Lubricate all moving parts.	<input type="checkbox"/> Re-lubricate and clean	
			H	Y	Check for lost bolts & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
MOTOR							
	M	Q	H	Y	Check cooling air intake and clean if necessary.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
		Q	H	Y	Check motor bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean motor's body and cooling fan.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check pulley alignment, linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
			H	Y	- Examine Electrical terminal	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....Amp.	2.....Amp.
						3.....Amp.	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
	M		H	Y	- Measure current phase A.B.C	1.....18.7 Amp.	2.....18.2 Amp.
						3.....17.1 Amp.	
			H	Y	- Measure motor speed	.....rpm.	
			H	Y	- Examine screw, nut if still fixed	<input type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	General cleaning of casing.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for lost bolts & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
CONTROL PANEL							
	M	Q	H	Y	Check warning and operating light for proper operation, replace if	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
		Q	H	Y	Check control panel general function condition.	<input checked="" type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
				Y	Check insulation & ground for electric components.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Tightening of all electrical conditions (Switch off the power first)	<input type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
				Y	Check overload device, adjust if necessary.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean outside the cabinet and remove the dust from inside.	<input type="checkbox"/> Clean and repaint	

Comment :

Action By :

Date : 130/5/16

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

MOTOR AND PUMP

25

WM-93

A5



DATE : 30/5/11.

Service code: ☐ W ☐ M ☐ R ☐ H ☐ Y

Comment :

30/5/86

Check By :

Date : _____

Date : / /

MOTOR AND PUMP

25

Machine Code : SKP-01

LOCATION : A5



DATE : 30/5/66.

Service code: ☐ W ☐ M ☐ Q ☐ H ☐ Y

Comment :

Action By :

Date : 30/5/66.

Check By :

Date : _____

Asst. Of DE / Director Of Engineering By :

Date : 

PREVENTIVE MAINTENANCE

MOTOR AND PUMP

P.M. WEEK :

25

Machine Code :

SNP-02

LOCATION :

A5



DATE : 30/5/66

Service code: ☐ W ☐ M ☐ Q ☐ H ☐ Y

TYPE					DESCRIPTION	STATUS	
PUMP							
		Q	H	Y	Check pump bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check pulley alignment, linear and angular.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
	M	Q	H	Y	- Notice pump sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
			H	Y	- Examine screw, nut if still fixed	<input type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	Check mechanical seal for condition adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check coupling for condition, replace defective parts if necessary	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check coupling alignment.	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	Check strainer's basket, clean if necessary.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for piping condition & leak, repair if necessary.	<input type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check foundation & Vibration Isolators.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	Lubricate all moving parts.	<input type="checkbox"/> Re-lubricate and clean	
			H	Y	Check for lost bolts & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
MOTOR							
	M	Q	H	Y	Check cooling air intake and clean if necessary.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
		Q	H	Y	Check motor bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean motor's body and cooling fan.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check pulley alignment, linear and angular.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
			H	Y	- Examine Electrical terminal	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....Amp.	2.....Amp.
						3.....Amp.	
	M	Q	H	Y	- Notice motor sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
	M		H	Y	- Measure current phase A.B.C	1.....Amp.	2.....Amp.
						3.....Amp.	
			H	Y	- Measure motor speed	rpm.	
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	General cleaning of casing.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for lost bolts & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
CONTROL PANEL							
	M	Q	H	Y	Check warning and operating light for proper operation, replace if	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
		Q	H	Y	Check control panel general function condition.	<input checked="" type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
				Y	Check insulation & ground for electric components.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Tightening of all electrical conditions (Switch off the power first)	<input type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
				Y	Check overload device, adjust if necessary.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean outside the cabinet and remove the dust from inside.	<input type="checkbox"/> Clean and repaint	

Comment :

Action By :

Date :

30/5/66

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

PREVENTIVE MAINTENANCE

MOTOR AND PUMP

P.M. WEEK :

25

Machine Code :

DW-01

LOCATION :

A5

GEORGIAN
AIR FORCE
MIRAGE

DATE :

30/5/66

Service code: ☐ W ☐ M ☐ O ☐ H ☐ Y

TYPE					DESCRIPTION	STATUS	
PUMP							
		Q	H	Y	Check pump bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check pulley alignment, linear and angular.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
M		Q	H	Y	- Notice pump sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
			H	Y	- Examine screw, nut if still fixed	<input type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
M		Q	H	Y	Check mechanical seal for condition adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
M		Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check coupling for condition, replace defective parts if necessary	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check coupling alignment.	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	Check strainer's basket, clean if necessary.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for piping condition & leak, repair if necessary.	<input type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check foundation & Vibration Isolators.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	Lubricate all moving parts.	<input type="checkbox"/> Re-lubricate and clean	
			H	Y	Check for lost bolts & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
MOTOR							
M		Q	H	Y	Check cooling air intake and clean if necessary.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
		Q	H	Y	Check motor bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean motor's body and cooling fan.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check pulley alignment, linear and angular.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
			H	Y	- Examine Electrical terminal	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1..... Amp.	2..... Amp.
						3..... Amp.	
M		Q	H	Y	- Notice motor sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
M			H	Y	- Measure current phase A.B.C	1..... Amp.	2..... Amp.
						3..... Amp.	
			H	Y	- Measure motor speed	..... rpm.	
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
M		Q	H	Y	General cleaning of casing.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for lost bolts & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
CONTROL PANEL							
M		Q	H	Y	Check warning and operating light for proper operation, replace if	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
		Q	H	Y	Check control panel general function condition.	<input checked="" type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
				Y	Check insulation & ground for electric components.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Tightening of all electrical conditions (Switch off the power first)	<input type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
				Y	Check overload device, adjust if necessary.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean outside the cabinet and remove the dust from inside.	<input type="checkbox"/> Clean and repaint	

Comment :

Action By :

Date :

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

ENGINEERING DEPARTMENT

Date 18/1/66.



Building Maintenance Oasis I,II,III

Item	Description	Normal	Abnormal	Remark
Oasis zone I (A)				
1	Entrance area	/		
2	Wooden frame entrance area	/		
3	Table touch up	/		
4	Chair touch up	/		
5	Counter touch up	/		
6	Ceiling repaint	/		
7	Check lighting all room	/		
8	Check air condition all room	/		
9	Check Sliding door system	/		
Oasis zone II (B)				
1	Entrance area	/		
2	Wooden frame entrance area	/		
3	Table touch up	/		
4	Chair touch up	/		
5	Counter touch up	/		
6	Ceiling repaint	/		
7	Check lighting all room	/		
8	Check air condition all room	/		
9	Check Sliding door system	/		
Oasis zone III (C)				
1	Entrance area	/		
2	Wooden frame entrance area	/		
3	Table touch up	/		
4	Chair touch up	/		
5	Counter touch up	/		
6	Ceiling repaint	/		
7	Check lighting all room	/		
8	Check air condition all room	/		
9	Check Sliding door system	/		
Oasis zone out door and Tepanyaki				
1	Wooden frame out door Oasis I, II, III	/		
2	Table touch up	/		
3	Chair touch up	/		
4	Counter touch up	/		
5	Wooden floor Tepanyaki area	/		
6	Table touch up	/		
7	Chair touch up	/		
8	Counter touch up	/		

Action By :



Outlet Mrg. / Date

Acknowledge



Engineering Supervisor / Date :

Assistant DE / Director of Engineering

ENGINEERING DEPARTMENT

Date 19/1/66



Building Maintenance Acqua & Zulu Family club

Item	Description	Normal	Abnormal	Remark
Acqua Restaurant				
1	Entrance area	/		
2	Wooden floor VIP area	/		
3	Table touch up	/		
4	Chair touch up	/		
5	Counter touch up	/		
6	Ceiling repaint	/		
7	Check lighting all zone	/		
8	Check air condition in room	/		
Zulu Family Club				
1	Entrance area	/		
2	Wooden frame entrance around area	/		
3	Table touch up	/		
4	Chair touch up	/		
5	Counter touch up	/		
6	Ceiling repaint	/		
7	Check lighting all room	/		
8	Check air condition all room	/		
Lobby & Back of the house zone				
1	Wall crack repair	/		
2	Wall crack repaint	/		
3	Marble crack repair	/		
4	Check lighting Lobby counter	/		
5	Counter stone repair	/		
6	Ceiling lobby repaint	/		
7	Ceiling call center room repaint	/		
8	Call center table touch up	/		
9	Call center chair repair	/		
10	Ceiling reservation room repaint	/		
11	Reservation table touch up	/		
12	Reservation chair repair	/		
13	Ceiling asst manager room repaint	/		
14	Asst Manager table touch up	/		
15	Asst Manager chair repair	/		
16	FOM room ceiling repaint	/		
17	FOM room table touch up	/		
18	FOM room chair repair	/		
19	Check air condition system back of the house	/		

Vistaz				
1	Wooden build in touch up	✓		
2	Furniture build in touch up	✓		
3	Wooden floor touch up	✓		
Male, Female, Handicape Zone				
1	Wall crack repair	✓		
2	Wall crack repaint	✓		
3	Marble crack repair	✓		
4	Check entrance door panel	✓		
5	Counter stone repair			
6	Male guest toilet ceiling repaint			
7	Door knob Door closer entrance door	✓		
8	Lighting in room	✓		
9	Air condition in room	✓		
10	Female guest toilet ceiling repaint			
11	Door knob Door closer entrance door	✓		
12	Lighting in room	✓		
13	Air condition in room	✓		
14	Handicape guest toilet ceiling repaint			
15	Door knob Door closer entrance door	✓		
16	Lighting in room	✓		
17	Air condition in room	✓		
18	Ceiling in front of Male and Female guest toilet	✓		

Action By :

N

Outlet Mrg. / Date

Acknowledge

Engineering Supervisor / Date :

Assistant DE / Director of Engineering

ENGINEERING DEPARTMENT



Date 18/1/66.....

Building Maintenance Coast & Flame (Beach area)

Item	Description	Normal	Abnormal	Remark
Coast Restaurant				
1	Entrance area	✓		
2	Wooden frame entrance around area	✓		
3	Table touch up	✓		
4	Chair touch up	✓		
5	Counter touch up	✓		
6	Ceiling repaint	✓		
7	Check lighting all zone	✓		
Flame Restaurant				
1	Entrance area	✓		
2	Wooden frame entrance around area	✓		
3	Table touch up	✓		
4	Chair touch up	✓		
5	Counter touch up	✓		
6	Ceiling repaint	✓		
7	Check lighting all room	✓		
8	Check air condition all room	✓		
Beach Shower (Coast area)				
1	Wooden structure repair	✓		
2	Wooden structure repaint	✓		
3	Wooden floor repair	✓		
4	Wooden floor repaint	✓		
5	Counter stone repair	✓		
6	Check drain system	✓		
7	Check shower sensor system	✓		
Beach Shower (Infinity area)				
1	Wooden structure repair	✓		
2	Wooden structure repaint	✓		
3	Wooden floor repair	✓		
4	Wooden floor repaint	✓		
5	Counter stone repair	✓		
6	Check drain system	✓		
7	Check shower sensor system	✓		
Wooden walk way to Beach				
1	Wooden walk way re-screw all	✓		

Action By :

Name / Date

Outlet Mrg. / Date

Acknowledge

ENGINEERING DEPARTMENT

Date 18/1/16

Building Maintenance Pavilion Zone

Item	Description	Normal	Abnormal	Remark
Pavilion No.1				
1	Wooden structure repair	/		
2	Wooden structure repaint	/		
3	Wooden floor repair	/		
4	Wooden floor repaint	/		
5	Check lighting	/		
Pavilion No.2				
1	Wooden structure repair	/		
2	Wooden structure repaint	/		
3	Wooden floor repair	/		
4	Wooden floor repaint	/		
5	Check lighting	/		
Pavilion No.3				
1	Wooden structure repair	/		
2	Wooden structure repaint	/		
3	Wooden floor repair	/		
4	Wooden floor repaint	/		
5	Check lighting	/		
Pavilion No.4				
1	Wooden structure repair	/		
2	Wooden structure repaint	/		
3	Wooden floor repair	/		
4	Wooden floor repaint	/		
5	Check lighting	/		
Pavilion No.5				
1	Wooden structure repair	/		
2	Wooden structure repaint	/		
3	Wooden floor repair	/		
4	Wooden floor repaint	/		
5	Check lighting	/		
Kid Soda Bar				
1	Wooden structure repair	/		
2	Wooden structure repaint	/		
3	Wooden floor repair	/		
4	Wooden floor repaint	/		
5	Check lighting	/		
Sport towel counter area				
1	Wooden & Marble structure repair	/		
2	Wooden structure repaint	/		
3	Wooden floor repair	/		
4	Wooden floor repaint	/		
5	Check lighting	/		

Action By :

Name/ Date

Outlet Mrg. / Date

Acknowledge

ENGINEERING DEPARTMENT

Date 18/1/66.



Building Maintenance Ginger and Lime

Item	Description	Normal	Abnormal	Remark
Ginger & Lime entrance area				
1	Wooden structure repair	✓		
2	Wooden structure repaint	✓		
3	Wooden floor repair	✓		
4	Wooden floor repaint	✓		
5	Check lighting	✓		
Ginger & Lime VIP room I				
1	Wooden structure repair	✓		
2	Wooden structure repaint	✓		
3	Wooden floor repair	✓		
4	Wooden floor repaint	✓		
5	Vip ceiling room repaint	✓		
6	Furniture touch up	✓		
7	Check air condition in room	✓		
8	Check lighting	✓		
Ginger & Lime VIP room II				
1	Wooden structure repair	✓		
2	Wooden structure repaint	✓		
3	Wooden floor repair	✓		
4	Wooden floor repaint	✓		
5	Vip ceiling room repaint	✓		
6	Furniture touch up	✓		
7	Check air condition in room	✓		
8	Check lighting	✓		
Ginger & Lime Kitchen zone				
1	Marble counter zone repair	✓		
2	Wooden counter zone repair	✓		
3	Tile floor kitchen zone repair	✓		
4	Ceiling kitchen repaint	✓		
5	Wall around kitchen zone repaint	✓		
6	Wall around walk way to kitchen zone	✓		
Carpe diam zone				
1	Wooden & Marble structure repair	✓		
2	Wooden structure repaint	✓		
3	Workshop table repair	✓		
4	Workshop table repaint	✓		
5	Check lighting (electric plug)	✓		
Wave Bar				
1	Wooden & Marble structure repair	✓		
2	Wooden structure repaint	✓		
3	Wooden ceiling repaint	✓		
4	Wooden floor repair	✓		
5	Wooden floor repaint	✓		
6	Check lighting (electric plug)	✓		
7	Check sling quality (tight or loose)	✓		

Action By :

Name / Date

Outlet Mrg. / Date

Acknowledge

ENGINEERING DEPARTMENT

Date 18/1/16

Building Maintenance Function room

Item	Description	Normal	Abnormal	Remark
Mythica room				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		
Fantasia room				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		
Aurora room				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		
Utopia I				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		

ENGINEERING DEPARTMENTDate 19/1/16.....CENTARA GRAND
MIRAGE
BEACH RESORT
PATTAYA**Building Maintenance Function room**

Item	Description	Normal	Abnormal	Remark
6	Table and chair repair	/		
7	Table and chair touch up	/		
Utopia II				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		

ENGINEERING DEPARTMENTDate 19/1/16**Building Maintenance Function room**

Item	Description	Normal	Abnormal	Remark
Prefunction				
1	Entrance door repair	✓		
2	Entrance door repaint	✓		
3	Function room handle	✓		
4	Ceiling function room repaint	✓		
5	Ceiling function room touch up	✓		
6	Table and chair repair	✓		
7	Table and chair touch up	✓		
8	Corridor Prefunction around area	✓		
Cultural Stage				
1	Wooden structure repair	✓		
2	Wooden structure repaint	✓		
Performance Stage				
1	Wooden structure repair	✓		
2	Wooden structure repaint	✓		

Action By :

Name / Date

Outlet Mrg. / Date

Acknowledge

Engineering Supervisor / Date :

Assistant DE / Director of Engineering

ENGINEERING DEPARTMENT

Date 19/1/66



Building Maintenance Grand Ballroom

Item	Description	Normal	Abnormal	Remark
Ballroom A				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		
Ballroom B				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		
Ballroom C				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		
Meeting room I				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		

ENGINEERING DEPARTMENTDate 19/1/61**Building Maintenance Grand Ballroom**

Item	Description	Normal	Abnormal	Remark
5	Ceiling function room touch up	✓		
6	Table and chair repair	✓		
7	Table and chair touch up	✓		

Meeting room II

1	Entrance door repair	✓		
2	Entrance door repaint	✓		
3	Function room handle	✓		
4	Ceiling function room repaint	✓		
5	Ceiling function room touch up	✓		
6	Table and chair repair	✓		
7	Table and chair touch up	✓		

ENGINEERING DEPARTMENTDate 19/1/66**Building Maintenance Grand Ballroom**

Item	Description	Normal	Abnormal	Remark
Wedding Show case				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Function room handle	/		
4	Ceiling function room repaint	/		
5	Ceiling function room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		

Action By :

Name / Date

Outlet Mrg. / Date

Acknowledge

Engineering Supervisor / Date :


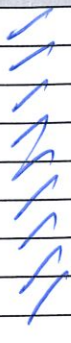
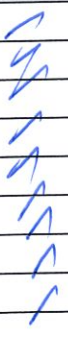

Assistant DE / Director of Engineering

ENGINEERING DEPARTMENT

Date 19/1/66.....



Building Maintenance Club Mirage & Spa Cenvaree

Building Maintenance Club Mirage - I				
Item	Description	Normal	Abnormal	Remark
Club Mirage				
1	Entrance door repair			
2	Entrance door repaint			
3	Club Mirage handle			
4	Ceiling room repaint			
5	Ceiling room touch up			
6	Check Lighting in room			
7	Check air condition in room			
8	Table and chair repair			
9	Table and chair touch up			
Cenvaree SPA I				
1	Entrance door repair			
2	Entrance door repaint			
3	Furniture touch up			
4	Ceiling room repaint			
5	Ceiling room touch up			
6	Table and chair repair			
7	Table and chair touch up			
8	Check Lighting in room			
9	Check air condition in room			
Cenvaree SPA II				
1	Entrance door repair			
2	Entrance door repaint			
3	Furniture touch up			
4	Ceiling room repaint			
5	Ceiling room touch up			
6	Table and chair repair			
7	Table and chair touch up			
8	Check Lighting in room			
9	Check air condition in room			
Cenvaree SPA III				
1	Entrance door repair			
2	Entrance door repaint			
3	Furniture touch up			
4	Ceiling room repaint			
5	Ceiling room touch up			
6	Table and chair repair			
7	Table and chair touch up			
8	Check Lighting in room			
9	Check air condition in room			

ENGINEERING DEPARTMENT

Date19/1/66.....



Building Maintenance Club Mirage & Spa Cenvaree

Item	Description	Normal	Abnormal	Remark
Cenvaree SPA IV				
1	Entrance door repair	✓		
2	Entrance door repaint	✓		
3	Furniture touch up	✓		
4	Ceiling room repaint	✓		
5	Ceiling room touch up	✓		
6	Table and chair repair	✓		
7	Table and chair touch up	✓		
8	Check Lighting in room	✓		
9	Check air condition in room	✓		
Cenvaree SPA IV				
1	Entrance door repair	✓		
2	Entrance door repaint	✓		
3	Furniture touch up	✓		
4	Ceiling room repaint	✓		
5	Ceiling room touch up	✓		
6	Table and chair repair	✓		
7	Table and chair touch up	✓		
8	Check Lighting in room	✓		
9	Check air condition in room	✓		
Cenvaree SPA V				
1	Entrance door repair	✓		
2	Entrance door repaint	✓		
3	Furniture touch up	✓		
4	Ceiling room repaint	✓		
5	Ceiling room touch up	✓		
6	Table and chair repair	✓		
7	Table and chair touch up	✓		
8	Check Lighting in room	✓		
9	Check air condition in room	✓		
Cenvaree SPA VI				
1	Entrance door repair	✓		
2	Entrance door repaint	✓		
3	Furniture touch up	✓		
4	Ceiling room repaint	✓		
5	Ceiling room touch up	✓		
6	Table and chair repair	✓		
7	Table and chair touch up	✓		
8	Check Lighting in room	✓		
9	Check air condition in room	✓		

ENGINEERING DEPARTMENT

Date19/1/66.....

**Building Maintenance Club Mirage & Spa Cenvaree**

Item	Description	Normal	Abnormal	Remark
Cenvaree SPA VII				
1	Entrance door repair	/		
2	Entrance door repaint	/		
3	Furniture touch up	/		
4	Ceiling room repaint	/		
5	Ceiling room touch up	/		
6	Table and chair repair	/		
7	Table and chair touch up	/		
8	Check Lighting in room	/		
9	Check air condition in room	/		

Action By :

Name / Date

Outlet Mrg. / Date

Acknowledge

Engineering Supervisor / Date :

Assistant DE / Director of Engineering

PREVENTIVE MAINTENANCE
EXHAUST AND FRESH AIR FAN

P.M. WEEK : 14
Machine Code : A3-BF-32
LOCATION : F/B



DATE : 8/4/66

Service code: ☐ W ☐ M ☒ C ☐ H ☐ Y

TYPE					DESCRIPTION	RESULT	
					EXHAUST AND FRESH AIR FAN		
M	Q	H	Y		Check belt tension and condition, adjust / replace if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
M	Q	H	Y		Check for Hanger rod wear it loosing or not.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	Q	H	Y		Check fan condition balance & vibration.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			Y		Check fan's ball bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
			Y		Clean the fan's impeller.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			Y		Check ducts and duct's sleeve condition.	<input type="checkbox"/> Clean	<input type="checkbox"/> Damaged
			Y		Check for lost belt & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			Y		Lubricate all moving Parts.	<input type="checkbox"/> Re-lubricate and clean	
			Y		Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
			Y		General cleaning of casing.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
					FILTER		
M	Q	H	Y		- Clean filter with water.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
		H	Y		- Clean return chamber.	<input type="checkbox"/> Normal	<input type="checkbox"/> Leaking
			Y		- Check filter condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Damaged
					FAN BLADE		
	Q	H	Y		- Clean fan blade	<input checked="" type="checkbox"/> Clean	
	Q	H	Y		- Check shaft position	<input type="checkbox"/> Align	<input type="checkbox"/> Loose (adjusted)
	Q	H	Y		- Examine pulley, key shaft if fixed and balanced	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
		H	Y		- Examine screw, nut of fan blade and shaft	<input type="checkbox"/> Normal	<input type="checkbox"/> Loose
		H	Y		- Lubricate shaft bearing	<input type="checkbox"/> Re-lubricate and clean	
M	Q	H	Y		- Check V-belt condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Broken
M	Q	H	Y		- Notice fan blade sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
		H	Y		- Adjust V-belt	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
					MOTOR		
		H	Y		- Examine Electrical terminal	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
		H	Y		- Examine insulation between coil and motor by using M.ohm.meter	1.....M.ohm	2.....M.ohm.
						3.....M.ohm	
M	Q	H	Y		- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
		H	Y		- Measure current phase A.B.C	1.....Amp.	2.....Amp.
						3.....Amp.	
		H	Y		- Measure motor speed	.....rpm.	
	Q	H	Y		- Measure blower wheel	.....rpm.	
		H	Y		- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
	Q	H	Y		- Examine pulley, key shaft and lock screw of pulley	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
		H	Y		- Clean motor, fan blade and motor cover	<input type="checkbox"/> Clean	
					CONTROL PANEL		
		H	Y		- Examine Electrical terminal and fuse if still tight	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
		H	Y		- Check overload if still operating well and in position of amn	<input checked="" type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
			Y		- Clean magnetic contactor	<input type="checkbox"/> Clean	
M	Q	H	Y		- Check operating condition of magnetic starter	<input type="checkbox"/> Quite	<input type="checkbox"/> Humming
		H	Y		- Clean control panel	<input type="checkbox"/> Clean	

Comment :

Action By :

Date :

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

PREVENTIVE MAINTENANCE

EXHAUST AND FRESH AIR FAN

P.M. WEEK :

Machine Code :

LOCATION :

CHHATTISGARH
MILK
PROCESSING
CORPORATION

DATE :

Service code: ☐ W ☐ M ☐ O ☐ H ☐ Y

TYPE					DESCRIPTION	RESULT	
					EXHAUST AND FRESH AIR FAN		
	M	Q	H	Y	Check belt tension and condition, adjust / replace if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	Check for Hanger rod wear it loosing or not.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
		C	H	Y	Check fan condition balance & vibration.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check fan's ball bearing.	<input type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Clean the fan's impeller.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check ducts and duct's sleeve condition.	<input type="checkbox"/> Clean	<input type="checkbox"/> Damaged
				Y	Check for lost belt & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
				Y	Lubricate all moving Parts.	<input type="checkbox"/> Re-lubricate and clean	
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
				Y	General cleaning of casing.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
					FILTER		
	M	Q	H	Y	- Clean filter with water.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	- Clean return chamber.	<input type="checkbox"/> Normal	<input type="checkbox"/> Leaking
				Y	- Check filter condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Damaged
					FAN BLADE		
		Q	H	Y	- Clean fan blade	<input checked="" type="checkbox"/> Clean	
		Q	H	Y	- Check shaft position	<input checked="" type="checkbox"/> Align	<input type="checkbox"/> Loose (adjusted)
		Q	H	Y	- Examine pulley, key shaft if fixed and balanced	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine screw, nut of fan blade and shaft	<input type="checkbox"/> Normal	<input type="checkbox"/> Loose
			H	Y	- Lubricate shaft bearing	<input type="checkbox"/> Re-lubricate and clean	
	M	Q	H	Y	- Check V-belt condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Broken
	M	Q	H	Y	- Notice fan blade sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	- Adjust V-belt	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
					MOTOR		
			H	Y	- Examine Electrical terminal	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....M.ohm	2.....M.ohm.
						3.....M.ohm	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	- Measure current phase A.B.C	1.....Amp.	2.....Amp.
						3.....Amp.	
			H	Y	- Measure motor speed	.....rpm.	
		Q	H	Y	- Measure blower wheel	.....rpm.	
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Clean motor, fan blade and motor cover	<input type="checkbox"/> Clean	
					CONTROL PANEL		
			H	Y	- Examine Electrical terminal and fuse if still tight	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
			H	Y	- Check overload if still operating well and in position of amn	<input checked="" type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
			Y		- Clean magnetic contactor	<input type="checkbox"/> Clean	
	M	Q	H	Y	- Check operating condition of magnetic starter	<input type="checkbox"/> Quite	<input type="checkbox"/> Humming
			H	Y	- Clean control panel	<input type="checkbox"/> Clean	

Comment :

Action By :

Date :

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

PREVENTIVE MAINTENANCE
EXHAUST AND FRESH AIR FAN

P.M. WEEK : 10
Machine Code : A3-BF-34
LOCATION : Bakery Front



DATE : 8/4/16
Service code: ☐ W ☐ M ☒ P ☐ H ☐ Y

TYPE					DESCRIPTION	RESULT	
					EXHAUST AND FRESH AIR FAN		
	M	Q	H	Y	Check belt tension and condition, adjust / replace if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	Check for Hanger rod wear it loosing or not.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
		Q	H	Y	Check fan condition balance & vibration.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check fan's ball bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Clean the fan's impeller.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check ducts and duct's sleeve condition.	<input type="checkbox"/> Clean	<input type="checkbox"/> Damaged
				Y	Check for lost belt & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
				Y	Lubricate all moving Pts.	<input type="checkbox"/> Re-lubricate and clean	
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
				Y	General cleaning of casing.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
					FILTER		
	M	Q	H	Y	- Clean filter with water.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	- Clean return chamber.	<input type="checkbox"/> Normal	<input type="checkbox"/> Leaking
				Y	- Check filter condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Damaged
					FAN BLADE		
		Q	H	Y	- Clean fan blade	<input checked="" type="checkbox"/> Clean	
		Q	H	Y	- Check shaft position	<input checked="" type="checkbox"/> Align	<input type="checkbox"/> Loose (adjusted)
		Q	H	Y	- Examine pulley, key shaft if fixed and balanced	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine screw, nut of fan blade and shaft	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
			H	Y	- Lubricate shaft bearing	<input type="checkbox"/> Re-lubricate and clean	
	M	Q	H	Y	- Check V-belt condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Broken
	M	Q	H	Y	- Notice fan blade sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	- Adjust V-belt	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
					MOTOR		
			H	Y	- Examine Electrical terminal	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....M.ohm	2.....M.ohm.
						3.....M.ohm	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	- Measure current phase A.B.C	1.....Amp.	2.....Amp.
						3.....Amp.	
			H	Y	- Measure motor speed	.....rpm.	
		Q	H	Y	- Measure blower wheel	.....rpm.	
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Clean motor, fan blade and motor cover	<input type="checkbox"/> Clean	
					CONTROL PANEL		
			H	Y	- Examine Electrical terminal and fuse if still tight	<input type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
			H	Y	- Check overload if still operating well and in position	<input type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
				Y	- Clean magnetic contactor	<input type="checkbox"/> Clean	
	M	Q	H	Y	- Check operating condition of magnetic starter	<input type="checkbox"/> Quite	<input type="checkbox"/> Humming
			H	Y	- Clean control panel	<input type="checkbox"/> Clean	

Comment :

Action By :

Date :

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

EXHAUST AND FRESH AIR FAN

14

Machine Code : A3-BE-35

LOCATION: BAK BRY - NEW



DATE : _____

8/4/66

Service code: ☐ W ☐ M ☐ P ☐ H ☐ Y

TYPE					DESCRIPTION	RESULT	
EXHAUST AND FRESH AIR FAN							
	M	Q	H	Y	Check belt tension and condition, adjust / replace if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	Check for Hanger rod wear if loosening or not.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
		Q	H	Y	Check fan condition balance & vibration.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check fan's ball bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Clean the fan's impeller.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check ducts and duct's sleeve condition.	<input type="checkbox"/> Clean	<input type="checkbox"/> Damaged
				Y	Check for lost belt & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
				Y	Lubricate all moving Parts.	<input type="checkbox"/> Re-lubricate and clean	
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
				Y	General cleaning of casing.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
FILTER							
	M	Q	H	Y	- Clean filter with water.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	- Clean return chamber.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Leaking
				Y	- Check filter condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Damaged
FAN BLADE							
		Q	H	Y	- Clean fan blade	<input checked="" type="checkbox"/> Clean	
		Q	H	Y	- Check shaft position	<input checked="" type="checkbox"/> Align	<input type="checkbox"/> Loose (adjusted)
		Q	H	Y	- Examine pulley, key shaft if fixed and balanced	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine screw, nut of fan blade and shaft	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
			H	Y	- Lubricate shaft bearing	<input type="checkbox"/> Re-lubricate and clean	
	M	Q	H	Y	- Check V-belt condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Broken
	M	Q	H	Y	- Notice fan blade sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	- Adjust V-belt	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
MOTOR							
			H	Y	- Examine Electrical terminal	Tight	Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....M.ohm	2.....M.ohm.
						3.....M.ohm	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	Adjusted
			H	Y	- Measure current phase A,B,C	1.....Amp.	2.....Amp.
						3.....Amp.	
			H	Y	- Measure motor speed	.....rpm.	
		Q	H	Y	- Measure blower wheel	.....rpm.	
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	Tight	Loose
			H	Y	- Clean motor, fan blade and motor cover	Clean	
CONTROL PANEL							
			H	Y	- Examine Electrical terminal and fuse if still tight	<input type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
			H	Y	- Check overload if still operating well and in position of arm	<input type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
				Y	- Clean magnetic contactor	<input type="checkbox"/> Clean	
	M	Q	H	Y	- Check operating condition of magnetic starter	<input type="checkbox"/> Quite	<input type="checkbox"/> Humming
			H	Y	- Clean control panel	<input type="checkbox"/> Clean	

Comment :

Action By :

Check By :

Date :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

PREVENTIVE MAINTENANCE

EXHAUST AND FRESH AIR FAN

P.M. WEEK :

Machine Code :

LOCATION :

CHITRAKOOT
MIRAGE
"1971-2021"

DATE :

Service code: ☐ W ☐ M ☐ O ☐ H ☐ Y

TYPE					DESCRIPTION	RESULT	
					EXHAUST AND FRESH AIR FAN		
	M	Q	H	Y	Check belt tension and condition, adjust / replace if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	Check for Hanger rod weather it loosening or not.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
		Q	H	Y	Check fan condition balance & vibration.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check fan's ball bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Clean the fan's impeller.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check ducts and duct's sleeve condition.	<input type="checkbox"/> Clean	<input type="checkbox"/> Damaged
				Y	Check for lost belt & nuts.	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
				Y	Lubricate all moving Parts.	<input type="checkbox"/> Re-lubricate and clean	
				Y	Check rust & paint if necessary.	<input type="checkbox"/> Clean and repaint	
				Y	General cleaning of casing.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
					FILTER		
	M	Q	H	Y	- Clean filter with water.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	- Clean return chamber.	<input type="checkbox"/> Normal	<input type="checkbox"/> Leaking
				Y	- Check filter condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Damaged
					FAN BLADE		
		Q	H	Y	- Clean fan blade	<input checked="" type="checkbox"/> Clean	
		Q	H	Y	- Check shaft position	<input checked="" type="checkbox"/> Align	<input type="checkbox"/> Loose (adjusted)
		Q	H	Y	- Examine pulley, key shaft if fixed and balanced	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine screw, nut of fan blade and shaft	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
			H	Y	- Lubricate shaft bearing	<input type="checkbox"/> Re-lubricate and clean	
	M	Q	H	Y	- Check V-belt condition	<input type="checkbox"/> Normal	<input type="checkbox"/> Broken
	M	Q	H	Y	- Notice fan blade sound while operating	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	- Adjust V-belt	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
					MOTOR		
			H	Y	- Examine Electrical terminal	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....M.ohm	2.....M.ohm.
						3.....M.ohm	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	- Measure current phase A.B.C	1.....Amp.	2.....Amp.
						3.....Amp.	
			H	Y	- Measure motor speed	.....rpm.	
		Q	H	Y	- Measure blower wheel	.....rpm.	
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Clean motor, fan blade and motor cover	<input type="checkbox"/> Clean	
					CONTROL PANEL		
			H	Y	- Examine Electrical terminal and fuse if still tight	<input type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
			H	Y	- Check overload if still operating well and in position of amn	<input type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
				Y	- Clean magnetic contactor	<input type="checkbox"/> Clean	
	M	Q	H	Y	- Check operating condition of magnetic starter	<input type="checkbox"/> Quite	<input type="checkbox"/> Humming
			H	Y	- Clean control panel	<input type="checkbox"/> Clean	

Comment :

Action By :

Check By :

Date :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

Preventive Maintenance of Smoke & Heat Detector

แบบฟอร์มการบำรุงรักษาระบบแจ้งสัญญาณเตือนภัยประจำเดือน

TECHNICAL DATA

A1*Heat detector (Conventional)**Smoke detector (Conventional)*

Model :

281B - PL (Rate of rise) General

BRAND:

ESI

Corridor

Temp add. 9 C degree with in 1 Min.(135 F)

Model :

E 630 U-2 Optical Detector

YEAR 2023

*Heat detector (Conventional)**Smoke Detector (Addressable)*

Model :

281B - PL (Fixed Temp) Kitchen

BRAND:

GE

Guest room

194 F Degree

Model :

CAT.NO.SIGA-PS Intelligent Photo Detector

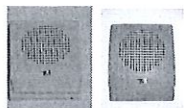
Item ลำดับ	Description รายการ	Task วิธีการ	Service scheduling											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
183	17th Floor	Guest rm. 12 point + 12 Speaker	Check	OK	OK	OK	OK	OK	OK					
184	ZoneA1- 1701-1713	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
185		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
186		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
187		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
188		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
189		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
190		Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK					
191	18th Floor	Guest rm. 12 point + 12 Speaker	Check	OK	OK	OK	OK	OK	OK					
192	ZoneA1- 1801-1813	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
193		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
194		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
195		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
196		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
197		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
198		Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK					
199	19th Floor	1901 Pressuriz Fan (Smoke)	Check	OK	OK	OK	OK	OK	OK					
200	ZoneA1- 1901-1902	1902 Toilet (Heat)	Check	OK	OK	OK	OK	OK	OK					
201		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
202		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
203		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
204		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
205	20th Floor	2001 Lift room (Smoke)	Check	OK	OK	OK	OK	OK	OK					
206	ZoneA1- 2001	Man.+ Key + Tel.+ Sp. Lift rm.	Check	OK	OK	OK	OK	OK	OK					

Technician

Supervisor

Assistance

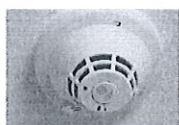
Chief Eng.



G4-S7 80 dB.



270P-SPO/KEY SWITCH



SIGA-PS



281B-PL



EDWARDS

<input type="checkbox"/> A	Alarm	<input type="checkbox"/> B	Bell Fail	<input type="checkbox"/> C	Tele.Fail	<input type="checkbox"/> D	Heat Fail
<input type="checkbox"/> E	Smoke fail	<input type="checkbox"/> F	Manual Fail	<input type="checkbox"/> T	Trouble	<input type="checkbox"/> OK	Normal

Preventive Maintenance of Smoke & Heat Detector

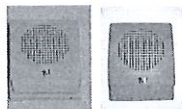
แบบฟอร์มการบำรุงรักษาระบบแจ้งสัญญาณเตือนภัยประจำเดือน

TECHNICAL DATA

A1	Heat detector (Conventional)	Smoke detector (Conventional)
Model :	281B - PL (Rate of rise) General	BRAND: ESI Corridor
	Temp add. 9 C degree with in 1 Min.(135 F)	Model :
	Heat detector (Conventional)	E 630 U-2 Optical Detector
Model :	281B - PL (Fixed Temp) Kitchen	BRAND: GE Guest room
	194 F Degree	Model :
		CAT.NO.SIGA-PS Intelligent Photo Detector
		YEAR 2023

Item ลำดับ	Description รายการ	Task วิธีการ	Service scheduling											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
153	14th Floor	Guest rm. 13 point + 13 Speaker	Check	OK	OK	OK	OK	OK	OK					
154	ZoneA1- 1401-1414	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
155		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
156	Service lift 1 point	Man. + Key + Tel. + Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK					
157	guest lift 1 point	Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
158	EE. Room 1 point	Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
159	Maid room 1 point	Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
160	Stair 2 1 point	Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
161	Stair 3 1 point	Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
162	Corridor 2 point	Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK					
163	15th Floor	Guest rm. 13 point + 13 Speaker	Check	OK	OK	OK	OK	OK	OK					
164	ZoneA1- 1501-1514	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
165		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
166		Man. + Key + Tel. + Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK					
167		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
168		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
169		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
170		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
171		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
172		Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK					
173	16th Floor	Guest rm. 14 point + 14 Speaker	Check	OK	OK	OK	OK	OK	OK					
174	ZoneA1- 1601-1515	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
175		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
176		Man. + Key + Tel. + Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK					
177		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
178		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
179		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
180		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
181		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
182		Man.+ Key + Tel.+ Sp. Ser. Lift	Assistance	OK	OK	OK	OK	OK	OK					

Chief Eng.



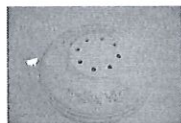
G4-S8



270P-SPO/KEY SWITCH



SIGA-PS



281B-PL



EDWARDS

Technician

Supervisor

Assistance

Chief Eng.

A Alarm	B Bell Fail	C Tele.Fail	D Heat Fail
E Smoke fail	F Manual Fail	T Trouble	OK Normal

Preventive Maintenance of Smoke & Heat Detector

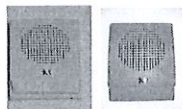
แบบฟอร์มการบำรุงรักษาระบบแจ้งสัญญาณเตือนภัยประจำเดือน

TECHNICAL DATA

A1	Heat detector (Conventional)	Smoke detector (Conventional)
Model :	281B - PL (Rate of rise) General	ESI Corridor
	Temp add. 9 C degree with in 1 Min.(135 F)	Model :
	Heat detector (Conventional)	Smoke Detector (Addressable)
Model :	281B - PL (Fixed Temp) Kitchen	GE Guest room
	194 F Degree	Model :
		CAT.NO.SIGA-PS Intelligent Photo Detector

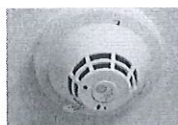
Item ลำดับ	Description รายการ	Task วิธีการ	Service scheduling											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
123	11st Floor	Guest rm. 16 point + 16 Speaker	Check	OK	OK	OK	OK	OK	OK					
124	ZoneA1- 1101-1117	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
125		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
126	Service lift 1 point	Man. + Key + Tel. + Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK					
127	guest lift 1 point	Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
128	EE. Room 1 point	Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
129	Maid room 1 point	Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
130	Stair 2 1 point	Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
131	Stair 3 1 point	Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
132	Corridor 2 point	Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK					
133	12nd Floor	Guest rm. 16 point + 16 Speaker	Check	OK	OK	OK	OK	OK	OK					
134	ZoneA1- 1201-1217	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
135		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
136		Man. + Key + Tel. + Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK					
137		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
138		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
139		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
140		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
141		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
142		Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK					
143	13rd Floor	Guest rm. 15 point + 15 Speaker	Check	OK	OK	OK	OK	OK	OK					
144	ZoneA1- 1301-1316	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
145		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
146		Man. + Key + Tel. + Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK					
147		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
148		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
149		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
150		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
151		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
152		Man.+ Key + Tel.+ Sp. Ser. Lift	Assistance	OK	OK	OK	OK	OK	OK					

Chief Eng.



G4-S7

270P-SPO/KEY SWITCH



SIGA-PS

281B-PL

EDWARDS

Technician

Supervisor

Assistance

Chief Eng.

A Alarm	B Bell Fail	C Telc.Fail	D Heat Fail
E Smoke fail	F Manual Fail	T Trouble	OK Normal

Preventive Maintenance of Smoke & Heat Detector

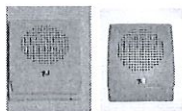
แบบฟอร์มการบำรุงรักษาระบบแจ้งสัญญาณเตือนภัยประจำเดือน

TECHNICAL DATA

A1	Heat detector (Conventional)	Smoke detector (Conventional)
Model :	281B - PL (Rate of rise) General	BRAND: ESI Corridor
	Temp add. 9 C degree with in 1 Min.(135 F)	Model : E 630 U-2 Optical Detector
	Heat detector (Conventional)	Smoke Detector (Addressable)
Model :	281B - PL (Fixed Temp) Kitchen	BRAND: GE Guest room
	194 F Degree	Model : CAT.NO.SIGA-PS Intelligent Photo Detector

Item ลำดับ	Description รายการ	Task วิธีการ	Service scheduling											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
93	8th Floor	Guest rm. 19 point + 19 Speaker	Check	OK	OK	OK	OK	OK	OK					
94	ZoneA1- 801-820	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
95		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
96		Service lift 1 point	Check	OK	OK	OK	OK	OK	OK					
97		guest lift 1 point	Check	OK	OK	OK	OK	OK	OK					
98		EE. Room 1 point	Check	OK	OK	OK	OK	OK	OK					
99		Maid room 1 point	Check	OK	OK	OK	OK	OK	OK					
100		Stair 2 1 point	Check	OK	OK	OK	OK	OK	OK					
101		Stair 3 1 point	Check	OK	OK	OK	OK	OK	OK					
102		Corridor 2 point	Check	OK	OK	OK	OK	OK	OK					
103	9TH Floor	Guest rm. 19 point + 19 Speaker	Check	OK	OK	OK	OK	OK	OK					
104	ZoneA1- 901-920	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
105		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
106		Man. + Key + Tel. + Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK					
107		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
108		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
109		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
110		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
111		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
112		Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK					
113	10th Floor	Guest rm. 16 point + 16 Speaker	Check	OK	OK	OK	OK	OK	OK					
114	ZoneA1- 1001-1017	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK					
115		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK					
116		Man. + Key + Tel. + Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK					
117		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK					
118		Man. + Key + Tel. + Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK					
119		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK					
120		Man. + Key + Tel. + Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK					
121		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK					
122		Man.+ Key + Tel.+ Sp. Ser. Lift	Assistance	OK	OK	OK	OK	OK	OK					

Chief Eng.

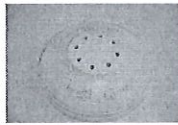


G4-S7

270P-SPO/KEY SWITCH



SIGA-PS



281B-PL



EDWARDS

Technician

Supervisor

Assistance

Chief Eng.

A	Alarm	B	Bell Fail	C	Tele.Fail	D	Heat Fail
E	Smoke fail	F	Manual Fail	T	Trouble	OK	Normal

Preventive Maintenance of Smoke & Heat Detector

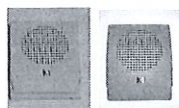
แบบฟอร์มการบำรุงรักษาระบบแจ้งสัญญาณเตือนภัยประจำเดือน

TECHNICAL DATA

A1		Heat detector (Conventional)		Smoke detector (Conventional)	
Model :	281B - PL (Rate of rise) General	BRAND:	ESI	Corridor	
	Temp add. 9 C degree with in 1 Min.(135 F)	Model :	E 630 U-2 Optical Detector	YEAR	2023
Heat detector (Conventional)		Smoke Detector (Addressable)			
Model :	281B - PL (Fixed Temp) Kitchen	BRAND:	GE	Guest room	
	194 F Degree	Model :	CAT.NO.SIGA-PS Intelligent Photo Detector		

Item ลำดับ	Description รายการ		Task วิธีการ	Service scheduling											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
63	5th Floor	Guest rm. 20 point + 20 Speaker	Check	OK	OK	OK	OK	OK	OK						
64	ZoneA1- 501-521	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK						
65		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK						
66	Service lift 1 point	Man. + Key + Tel.+ Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK						
67	guest lift 1 point	Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK						
68	EE. Room 1 point	Man. + Key + Tel.+ Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK						
69	Maid room 1 point	Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK						
70	Stair 2 1 point	Man. + Key + Tel.+ Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK						
71	Stair 3 1 point	Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK						
72	Corridor 2 point	Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK						
73	6TH Floor	Guest rm. 20 point + 20 Speaker	Check	OK	OK	OK	OK	OK	OK						
74	ZoneA1- 601-621	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK						
75		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK						
76		Man. + Key + Tel.+ Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK						
77		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK						
78		Man. + Key + Tel.+ Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK						
79		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK						
80		Man. + Key + Tel.+ Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK						
81		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK						
82		Man.+ Key + Tel.+ Sp. Ser. Lift	Check	OK	OK	OK	OK	OK	OK						
83	7th Floor	Guest rm. 19 point + 19 Speaker	Check	OK	OK	OK	OK	OK	OK						
84	ZoneA1- 701-720	Corridor 8 point	Check	OK	OK	OK	OK	OK	OK						
85		Man. + Key + Tel.+ Sp. ST1. In	Check	OK	OK	OK	OK	OK	OK						
86		Man. + Key + Tel.+ Sp. ST1. Out	Check	OK	OK	OK	OK	OK	OK						
87		Man. + Key + Tel.+ Sp. ST2. In	Check	OK	OK	OK	OK	OK	OK						
88		Man. + Key + Tel.+ Sp. ST2. Out	Check	OK	OK	OK	OK	OK	OK						
89		Man. + Key + Tel.+ Sp. ST3. In	Check	OK	OK	OK	OK	OK	OK						
90		Man. + Key + Tel.+ Sp. ST3. Out	Check	OK	OK	OK	OK	OK	OK						
91		Man. + Key + Tel.+ Sp. Guest Lift	Check	OK	OK	OK	OK	OK	OK						
92		Man.+ Key + Tel.+ Sp. Ser. Lift	Assistance	OK	OK	OK	OK	OK	OK						

Chief Eng.



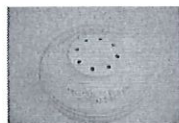
G4-S7



270P-SPO/KEY SWITCH



SIGA-PS



281B-PL



EDWARDS

Technician

Supervisor

Assistance

Chief Eng.

A	Alarm	B	Bell Fail	C	Tele.Fail	D	Heat Fail
E	Smoke fail	F	Manual Fail	T	Trouble	OK	Normal

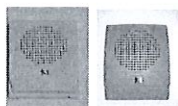
Preventive Maintenance of Smoke & Heat Detector

แบบฟอร์มการบำรุงรักษาระบบแจ้งสัญญาณเตือนภัยประจำเดือน

TECHNICAL DATA

A1	Heat detector (Conventional)	Smoke detector (Conventional)
Model :	281B - PL (Rate of rise) General	ESI Corridor
	Temp add. 9 C degree with in 1 Min.(135 F)	Model :
	Heat detector (Conventional)	Smoke Detector (Addressable)
Model :	281B - PL (Fixed Temp) Kitchen	GE Guest room
	194 F Degree	Model :
		CAT.NO.SIGA-PS Intelligent Photo Detector

Item ลำดับ	Description รายการ		Task วิธีการ	Service scheduling											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	Basement	Zone - 1-B-01 Nurse-Toilet	Check	OK	OK	OK	OK	OK	OK						
2		2 Manual + Key + Tel. + Speaker	Check	OK	OK	OK	OK	OK	OK						
3		Zone - 1-B-02 -.Lift	Check	OK	OK	OK	OK	OK	OK						
4		2 Manual + Key + Tel. + Speaker	Check	OK	OK	OK	OK	OK	OK						
5		Zone - 1-B-03 Game	Check	OK	OK	OK	OK	OK	OK						
6		3 Manual + Key + Tel. + Speaker	Check	OK	OK	OK	OK	OK	OK						
7		Zone - 1-B-04 Kid	Check	OK	OK	OK	OK	OK	OK						
8		2 Manual + Key + Tel. + Speaker	Check	OK	OK	OK	OK	OK	OK						
9		Zone - 1-B-05 Jagusy	Check	OK	OK	OK	OK	OK	OK						
10		3 Manual + Key + Tel. + Speaker	Check	OK	OK	OK	OK	OK	OK						
11		Zone - 1-B-06 Fitness	Check	OK	OK	OK	OK	OK	OK						
12		4 Manual + Key + Tel. + Speaker	Check	OK	OK	OK	OK	OK	OK						
13		Zone - 1-B-07 Corridor	Check	OK	OK	OK	OK	OK	OK						
14		2 Manual + Key + Tel. + Speaker	Check	OK	OK	OK	OK	OK	OK						
15		Zone - 1-B-FM 200 EE. Rm.-It	Check	OK	OK	OK	OK	OK	OK						
16		2 Manual + Key + Tel. + Speaker	Check	OK	OK	OK	OK	OK	OK						
17	1st Floor	Zone - 1-101 Corridor	Check	OK	OK	OK	OK	OK	OK						
18		Man. + Key + Tel.+ Sp.	Check	OK	OK	OK	OK	OK	OK						
19		Zone - 1-102 Office	Check	OK	OK	OK	OK	OK	OK						
20		Man. + Key + Tel.+ Sp.	Check	OK	OK	OK	OK	OK	OK						
21		Zone - 1-103 Office	Check	OK	OK	OK	OK	OK	OK						
22		Man. + Key + Tel.+ Sp.	Check	OK	OK	OK	OK	OK	OK						
23		Zone - 1-104 Office	Check	OK	OK	OK	OK	OK	OK						
24		Man. + Key + Tel.+ Sp.	Check	OK	OK	OK	OK	OK	OK						
25		Zone - 1-105 Acqua	Check	OK	OK	OK	OK	OK	OK						
26		Man. + Key + Tel.+ Sp.	Check	OK	OK	OK	OK	OK	OK						
27		Zone - 1-106 Lobby	Check	OK	OK	OK	OK	OK	OK						
28		Man. + Key + Tel.+ Sp.	Check	OK	OK	OK	OK	OK	OK						
29		Zone - 1-107 Lobby	Check	OK	OK	OK	OK	OK	OK						
30		Man. + Key + Tel.+ Sp.	Assistance	OK	OK	OK	OK	OK	OK						
31	Mezanine		Chief Eng.												
32		Man. + Key + Tel.+ Sp. ST1. In	Check												



G4-S7



270P-SPO/KEY SWITCH



SIGA-PS



281B-PL



EDWARDS

Technician

Supervisor

Assistance

Chief Eng.

A	Alarm	B	Bell Fail	C	Tele.Fail	D	Heat Fail
E	Smoke fail	F	Manual Fail	T	Trouble	OK	Normal

PREVENTIVE MAINTENANCE

MOTOR AND PUMP

P.M. WEEK :

24

Machine Code : CHP-2-01

LOCATION :

A2



DATE : 15/5/16

Service code: ☐ W ☐ M ☐ O ☐ H ☒ P

TYPE					DESCRIPTION	STATUS	
PUMP							
		Q	H	Y	Check pump bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check pulley alignment, linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
	M	Q	H	Y	- Notice pump sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	Check mechanical seal for condition adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check coupling for condition, replace defective parts if necessary	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check coupling alignment.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	Check strainer's basket, clean if necessary.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for piping condition & leak, repair if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check foundation & Vibration Isolators.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	Lubricate all moving parts.	<input checked="" type="checkbox"/> Re-lubricate and clean	
			H	Y	Check for lost bolts & nuts.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
MOTOR							
	M	Q	H	Y	Check cooling air intake and clean if necessary.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
		Q	H	Y	Check motor bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean motor's body and cooling fan.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check pulley alignment, linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
			H	Y	- Examine Electrical terminal	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....12.....Amp.	2.....12.....Amp.
						3.....12.....Amp.	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
	M		H	Y	- Measure current phase A.B.C	1.....12.....Amp.	2.....12.....Amp.
						3.....12.....Amp.	
			H	Y	- Measure motor speed		rpm.
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for lost bolts & nuts.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
CONTROL PANEL							
	M	Q	H	Y	Check warning and operating light for proper operation, replace if	Loose	Tight every point
		Q	H	Y	Check control panel general function condition.	Operating well	Not cut off
				Y	Check insulation & ground for electric components.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Tightening of all electrical conditions (Switch off the power first)	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
				Y	Check overload device, adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean outside the cabinet and remove the dust from inside.	<input checked="" type="checkbox"/> Clean and repaint	

Comment :

Action By :

Date :

15/5/16

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

PREVENTIVE MAINTENANCE

MOTOR AND PUMP

P.M. WEEK :

24

Machine Code : CHP-2-02

LOCATION : A2

CENTRAL BOARD
SECONDARY
EDUCATION
INDIA

DATE : 15/5/66.

Service code: ☐ W ☐ M ☐ G ☐ H ☐ Y

TYPE					DESCRIPTION	STATUS	
PUMP							
		Q	H	Y	Check pump bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check pulley alignment, linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
M	Q	H	Y	- Notice pump sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
		H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose	
	Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose	
M	Q	H	Y	Check mechanical seal for condition adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted	
M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty	
		H	Y	Check coupling for condition, replace defective parts if necessary	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted	
			Y	Check coupling alignment.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted	
		H	Y	Check strainer's basket, clean if necessary.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty	
		H	Y	Check for piping condition & leak, repair if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed	
			Y	Check foundation & Vibration Isolators.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose	
		H	Y	Lubricate all moving parts.	<input checked="" type="checkbox"/> Re-lubricate and clean		
		H	Y	Check for lost bolts & nuts.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose	
MOTOR							
M	Q	H	Y	Check cooling air intake and clean if necessary.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose	
	Q	H	Y	Check motor bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
			Y	Clean motor's body and cooling fan.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty	
			Y	Check pulley alignment, linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
			Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint		
		H	Y	- Examine Electrical terminal	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose	
		H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....Amp.	2.....Amp.	
					3.....Amp.		
M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
M		H	Y	- Measure current phase A,B,C	1.....Amp.	2.....Amp.	
					3.....Amp.		
		H	Y	- Measure motor speed	.....rpm.	
		H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose	
	Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose	
M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty	
		H	Y	Check for lost bolts & nuts.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose	
CONTROL PANEL							
M	Q	H	Y	Check warning and operating light for proper operation, replace if	Loose	Tight every point	
	Q	H	Y	Check control panel general function condition.	Operating well	Not cut off	
			Y	Check insulation & ground for electric components.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
			Y	Tightening of all electrical conditions (Switch off the power first)	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point	
			Y	Check overload device, adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal	
			Y	Clean outside the cabinet and remove the dust from inside.	<input checked="" type="checkbox"/> Clean and repaint		

Comment :

Action By : _____

Date : _____

15/5/66.

Check By : _____

Date : _____

Asst. Of DE / Director Of Engineering By : _____

Date : _____

PREVENTIVE MAINTENANCE

MOTOR AND PUMP

P.M. WEEK :

24

Machine Code :

CHP-2-03

LOCATION :

A2

KARNATAKA
GOVT. ENGINEERING

DATE :

15/5/66

Service code: ☐ W ☐ M ☐ Q ☐ H ☒ Y

TYPE					DESCRIPTION	STATUS	
PUMP							
		Q	H	Y	Check pump bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check pulley alignment, linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
	M	Q	H	Y	- Notice pump sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	Check mechanical seal for condition adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check coupling for condition, replace defective parts if necessary	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check coupling alignment.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	Check strainer's basket, clean if necessary.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for piping condition & leak, repair if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check foundation & Vibration Isolators.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	Lubricate all moving parts.	<input checked="" type="checkbox"/> Re-lubricate and clean	
			H	Y	Check for lost bolts & nuts.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
MOTOR							
	M	Q	H	Y	Check cooling air intake and clean if necessary.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
		Q	H	Y	Check motor bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean motor's body and cooling fan.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check pulley alignment, linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
			H	Y	- Examine Electrical terminal	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....16.....Amp.	2.....11.....Amp.
						3.....12.....Amp.	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
	M		H	Y	- Measure current phase A.B.C	1.....13.....Amp.	2.....12.....Amp.
						3.....16.....Amp.	
			H	Y	- Measure motor speed	.....rpm.	
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for lost bolts & nuts.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
CONTROL PANEL							
	M	Q	H	Y	Check warning and operating light for proper operation, replace if	Loose	Tight every point
		Q	H	Y	Check control panel general function condition.	Operating well	Not cut off
				Y	Check insulation & ground for electric components.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Tightening of all electrical conditions (Switch off the power first)	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
				Y	Check overload device, adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean outside the cabinet and remove the dust from inside.	<input checked="" type="checkbox"/> Clean and repaint	

Comment :

Action By :

Date :

15/5/66

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

PREVENTIVE MAINTENANCE

MOTOR AND PUMP

P.M. WEEK :

24

Machine Code :

CHP-2-04

LOCATION :

A2

CENTRALS
MIRAGE
PUNJAB

DATE :

15/5/16

Service code: ☐ W ☐ M ☐ Q ☐ H ☐ Y

TYPE					DESCRIPTION	STATUS	
PUMP							
		Q	H	Y	Check pump bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check pulley alignment , linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
M		Q	H	Y	- Notice pump sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
M		Q	H	Y	Check mechanical seal for condition adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
M		Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check coupling for condition, replace defective parts if necessary	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check coupling alignment .	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	Check strainer's basket , clean if necessary.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for piping condition & leak , repair if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check foundation & Vibration Isolators.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	Lubricate all moving parts.	<input checked="" type="checkbox"/> Re-lubricate and clean	
			H	Y	Check for lost bolts & nuts .	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
MOTOR							
	M	Q	H	Y	Check cooling air intake and clean if necessary.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
		Q	H	Y	Check motor bearing .	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean motor's body and cooling fan.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check pulley alignment , linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
			H	Y	- Examine Electrical terminal	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....Amp.	2.....Amp.
						3.....Amp.	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
	M		H	Y	- Measure current phase A.B.C	1.....Amp.	2.....Amp.
						3.....Amp.	
			H	Y	- Measure motor speed		rpm.
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for lost bolts & nuts .	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
CONTROL PANEL							
	M	Q	H	Y	Check warning and operating light for proper operation , replace if	Loose	Tight every point
		Q	H	Y	Check control panel general function condition .	Operating well	Not cut off
				Y	Check insulation & ground for electric components.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Tightening of all electrical conditions (Switch off the power first)	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
				Y	Check overload device . adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean outside the cabinet and remove the dust from inside.	<input checked="" type="checkbox"/> Clean and repaint	

Comment :

Action By :

Date :

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :

PREVENTIVE MAINTENANCE

MOTOR AND PUMP

P.M. WEEK :

Machine Code :

LOCATION :



DATE :

Service code: ☐ W ☐ M ☐ Q ☐ H ☒ Y

TYPE					DESCRIPTION	STATUS	
PUMP							
		Q	H	Y	Check pump bearing.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check pulley alignment , linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
	M	Q	H	Y	- Notice pump sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	Check mechanical seal for condition adjust if necessary.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check coupling for condition, replace defective parts if necessary	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
				Y	Check coupling alignment .	<input type="checkbox"/> Normal	<input type="checkbox"/> Adjusted
			H	Y	Check strainer's basket , clean if necessary.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for piping condition & leak , repair if necessary.	<input type="checkbox"/> Normal	<input type="checkbox"/> Changed
				Y	Check foundation & Vibration Isolators.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	Lubricate all moving parts.	<input checked="" type="checkbox"/> Re-lubricate and clean	
			H	Y	Check for lost bolts & nuts .	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
MOTOR							
	M	Q	H	Y	Check cooling air intake and clean if necessary.	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
		Q	H	Y	Check motor bearing .	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean motor's body and cooling fan.	<input type="checkbox"/> Clean	<input type="checkbox"/> Dirty
				Y	Check pulley alignment , linear and angular.	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Check rust & paint if necessary.	<input checked="" type="checkbox"/> Clean and repaint	
			H	Y	- Examine Electrical terminal	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
			H	Y	- Examine insulation between coil and motor by using M.ohm.meter	1.....Amp.	2.....Amp.
						3.....Amp.	
	M	Q	H	Y	- Notice motor sound while operating	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
	M		H	Y	- Measure current phase A.B.C	1.....Amp.	2.....Amp.
						3.....Amp.	
			H	Y	- Measure motor speed	rpm.	
			H	Y	- Examine screw, nut if still fixed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Loose
		Q	H	Y	- Examine pulley, key shaft and lock screw of pulley	<input checked="" type="checkbox"/> Tight	<input type="checkbox"/> Loose
	M	Q	H	Y	General cleaning of casing.	<input checked="" type="checkbox"/> Clean	<input type="checkbox"/> Dirty
			H	Y	Check for lost bolts & nuts .	<input type="checkbox"/> Tight	<input type="checkbox"/> Loose
CONTROL PANEL							
	M	Q	H	Y	Check warning and operating light for proper operation , replace if	<input type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
		Q	H	Y	Check control panel general function condition .	<input type="checkbox"/> Operating well	<input type="checkbox"/> Not cut off
				Y	Check insulation & ground for electric components.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Tightening of all electrical conditions (Switch off the power first)	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Tight every point
				Y	Check overload device . adjust if necessary.	<input type="checkbox"/> Normal	<input type="checkbox"/> Abnormal
				Y	Clean outside the cabinet and remove the dust from inside.	<input checked="" type="checkbox"/> Clean and repaint	

Comment :

Action By :

Date :

15/5/66

Check By :

Date :

Asst. Of DE / Director Of Engineering By :

Date :