ภาคผนวก ข-16

ตัวอย่างบันทึก/ Checklist ระบบบำบัดน้ำเสีย

Preventive Maintenance BES Y1

Work Order No.: 96143933 **Funct.Location:** BES-SAN-PTH Phaya Thai Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):** _____	**MNT. Plan No.:** 1731 **MNT. Call No.:** 29 **MNT. Item No.:** 3021 **MNT. Task Grp.:** BES-SAN GC.: 28 **Plan Date:** 03.01.2023 **Basic Start Date:** 09.01.2023 **Basic End Date:** 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ PTH

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	129
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0020	9/1/2023	20 : 00	9/1/2023	21 : 00	–	–	60	129, 044
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	9/1/2023	20 : 00	Y	[redacted]	
End Working Time / Malfunction End** / FFO	9/1/2023	21 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96143933	STATION: PTH	LOCATION: Ground
EQUIPMENT NO: ST	SERIAL NO.: -	DATE INSPECTION 9/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

[redacted]

W&W

WORK ORDER NO.: 96143933	STATION: PTH	LOCATION: Ground
EQUIPMENT NO: DNP	SERIAL NO.: -	DATE INSPECTION 9/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

[redacted]

W&W

WORK ORDER NO. : 9614393	STATION : PTH	LOCATION : ConCourse
EQUIPMENT NO : GRT	SERIAL NO. : -	DATE INSPECTION : 9/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

[redacted]

W&W

WORK ORDER NO. : 9614393	STATION : PTH	LOCATION : Ground
EQUIPMENT NO : GRT	SERIAL NO. : -	DATE INSPECTION : 9/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

[redacted]

Preventive Maintenance BES Y1

Work Order No.:	**96143937**
Funct.Location:	**BES-SAN-RPR**
	Ratchaprarop Station
Equipment:	N/A
Location:	N/A
Mileage/Operation (hr):	

MNT. Plan No.: 1689
MNT. Call No.: 28
MNT. Item No.: 2979
MNT. Task Grp.: BES-SAN GC.: 39
Plan Date: 03.01.2023
Basic Start Date: 09.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : PM@RPR (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@RPR (Wast water treatment) (Y1)	0	0.0 MIN	
0020-0010	RPR-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	44
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Man per 10
	Date	Time	Date	Time	Travel to Time	Waiting Time	Work on Time	
0020	10/1/2023	20 : 30	10/1/2023	21 : 00	–	–	30	129.0214
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord name	Signature
Start Working Time	10/1/2023	20 : 30	Y	[redacted]	
End Working Time / Malfunction End / FFO**	10/1/2023	21 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessarily be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96143937	STATION: RPR	LOCATION: CONCOURSE
EQUIPMENT NO.: WNT	SERIAL NO.:	DATE INSPECTION: 10/1/2023

FREQUENCY: ☐ W ☐ 1M ☐ 2M ☐ 3M ☐ 6M ☑ 1Y

CHECK: JAN ✓ | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Nonnal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Nonnal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Nonnal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Nonnal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....–.....A		
			I2 .....–.....A		
			I3 .....–.....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....–.....V	R - S.....–.....V	
			S - N.....–.....V	S - T.....–.....V	
			T - N.....–.....V	T - R.....–.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1					
2					

[redacted]

Preventive Maintenance BES Y1

Work Order No.: 96143952
Funct.Location: BES-SAN-PTH
Phaya Thai Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1688
MNT. Call No.: 28
MNT. Item No.: 2978
MNT. Task Grp.: BES-SAN GC.: 38
Plan Date: 03.01.2023
Basic Start Date: 09.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : PM@PTH (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@PTH (Wast water treatment) (Y1)	0	0.0 MIN	
0020-0010	PTH-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	129
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0620	9/1/2023	19 : 10	9/1/2023	19 : 40	–	–	30	129 [illegible]
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	9/1/2023	19 : 10	Y	[redacted]	
End Working Time / Malfunction End** / FFO	9/1/2023	19 : 40			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

PTH SRTET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 91143442		STATION: PTN		LOCATION: CC	
EQUIPMENT NO.: HWT-01		SERIAL NO.: –		DATE INSPECTION: 9/1/2023	
FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M ☑ 1Y
CHECK	JAN / FEB / MAR	APR / MAY / JUN	JUL / AUG	SEP / OCT / NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ..–..A		
			I2 ..–..A		
			I3 ..–..A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N..–..V	R - S..–..V	
			S - N..–..V	S - T..–..V	
			T - N..–..V	T - R..–..V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

Service By :	Position	Start Date	End Date
[redacted]			

Preventive Maintenance BES Y1

Work Order No.: 96144007	**MNT. Plan No.:** 1732
Funct.Location: BES-SAN-RPR Ratchaprarop Station	**MNT. Call No.:** 29
	MNT. Item No.: 3022
Equipment: N/A	**MNT. Task Grp.:** BES-SAN **GC.:** 28
Location: N/A	**Plan Date:** 03.01.2023
	Basic Start Date: 09.01.2023
Mileage/Operation (hr):	**Basic End Date:** 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ RPR

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	44
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travelling Time	Waiting Time	Working Time	Maintainer ID
0020	10/1/2023	21 : 30	10/1/2023	22 : 00	–	–	30	12448
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	10/1/2023	21 : 30	Y	[redacted]	
End Working Time / Malfunction End** / FFO	10/1/2023	22 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96/24007	STATION: RPR	LOCATION: Ground
EQUIPMENT NO: ST-01	SERIAL NO.: -	DATE INSPECTION 10/7/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

Service By :	Position	Start Date	End Date
[redacted]			

W&W

WORK ORDER NO.: 96/24003	STATION: RPR	LOCATION: Ground
EQUIPMENT NO: DTP-01	SERIAL NO.: -	DATE INSPECTION 6/7/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

Service By :	Position	Start Date	End Date
[redacted]			

W&W

WORK ORDER NO. : 7614400 7	STATION : RPR	LOCATION : Concourse
EQUIPMENT NO : GRT - 01	SERIAL NO. : -	DATE INSPECTION : 1/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

Service By :	Position	Start Date	End Date
[redacted]			

W&W

WORK ORDER NO. : 7614400 7	STATION : RPR	LOCATION : Ground
EQUIPMENT NO : GRT - 01	SERIAL NO. : -	DATE INSPECTION : 1/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

Service By :	Position	Start Date	End Date
[redacted]			

Form	Airport Rail Link Project
Check Sheet PM_Sanitary-Plumbing System - Grease Trap	Effective Date: 25 FEB 2022
Document Code: FMW-BES-70000-061-EN-A	Page 3 of 3

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Preventive Maintenance BES Y1

Work Order No.: 96144173 **Funct.Location:** BES-SAN-MAS Makkasan Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**	**MNT. Plan No.:** 1737 **MNT. Call No.:** 29 **MNT. Item No.:** 3027 **MNT. Task Grp.:** BES-SAN GC.: 28 **Plan Date:** 03.01.2023 **Basic Start Date:** 09.01.2023 **Basic End Date:** 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ MAS

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travelling Time	Waiting Time	Working Time	Maintainer ID
	20/01/2023	13 : 30	20/01/2023	15 : 30	–	–	120	139-142, 143, 107, 48, 44
	24/01/2023	10 : 00	24/01/2023	11 : 00	–	–	60	107, 44
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirm Land	Signature
Start Working Time	20/01/2023	13 : 30	Y	[redacted]	
End Working Time / Malfunction End** / FFO	24/01/2023	11 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 96144173	STATION : MAS	LOCATION : Ground
EQUIPMENT NO : SSP-01	SERIAL NO. :	DATE INSPECTION : 20/01/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☐ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☐ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☐ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☐ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☐ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☐ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☐ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☐ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☐ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 229 V	R - S. 403 V	
			S - N. 232 V	S - T. 403 V	
			T - N. 229 V	T - R. 401 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Motor Short-turn

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 96144173	STATION : MAS	LOCATION : Ground
EQUIPMENT NO : SSP-02	SERIAL NO. :	DATE INSPECTION : 20/01/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 3.82 A		
			I2 3.89 A		
			I3 3.80 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 229 V	R - S. 403 V	
			S - N. 232 V	S - T. 403 V	
			T - N. 229 V	T - R. 401 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 96144173	STATION : MAS	LOCATION : Ground
EQUIPMENT NO. : Sewage -01	SERIAL NO. :	DATE INSPECTION : 20/01/2023

FREQUENCY	W	1M	2M	3M	6M	1Y
	☐	☐	☐	☐	☐	☑

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.92 A		
			I2 3.01 A		
			I3 3.01 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 231 V	R - S 402 V	
			S - N 231 V	S - T 401 V	
			T - N 233 V	T - R 402 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96144173	STATION : MAS	LOCATION : Ground
EQUIPMENT NO. : Sewage -02	SERIAL NO. :	DATE INSPECTION : 20/01/2023

FREQUENCY	W	1M	2M	3M	6M	1Y
	☐	☐	☐	☐	☐	☑

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.31 A		
			I2 3.03 A		
			I3 2.88 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 231 V	R - S 402 V	
			S - N 231 V	S - T 402 V	
			T - N 233 V	T - R 401 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

WW

WORK ORDER NO.: 90144173	STATION: MAS	LOCATION: Ground
EQUIPMENT NO: DTP	SERIAL NO.:	DATE INSPECTION 24/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

WW

WORK ORDER NO.: 90144173	STATION: MAS	LOCATION: Ground
EQUIPMENT NO: ST	SERIAL NO.:	DATE INSPECTION 24/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144173	STATION: MAS		LOCATION: Ground		
EQUIPMENT NO: GRT	SERIAL NO.:		DATE INSPECTION: 24/1/23		
FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96144173	STATION: MAS		LOCATION: Ground		
EQUIPMENT NO: GRT	SERIAL NO.:		DATE INSPECTION: 24/1/23		
FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

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W&W

WORK ORDER NO.: 96144173	STATION: MAS	LOCATION: Arrival
EQUIPMENT NO: GRT	SERIAL NO.:	DATE INSPECTION: 24/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144173	STATION: MAS	LOCATION: Arrival
EQUIPMENT NO: GRT	SERIAL NO.:	DATE INSPECTION: 24/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Form	Airport Rail Link Project
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W&W

WORK ORDER NO. : 96144173	STATION : MAS	LOCATION : Arrival			
EQUIPMENT NO : GRT	SERIAL NO. :	DATE INSPECTION : 24/1/23			
FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96144173	STATION : MAS	LOCATION : Arrival			
EQUIPMENT NO : GRT	SERIAL NO. :	DATE INSPECTION : 24/1/23			
FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

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W&W

WORK ORDER NO.: 96144173	STATION: MAS	LOCATION: Concourse
EQUIPMENT NO.: GRT	SERIAL NO.:	DATE INSPECTION: 24/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96144173	STATION: MAS	LOCATION: Concourse
EQUIPMENT NO.: GRT	SERIAL NO.:	DATE INSPECTION: 24/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

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W&W

WORK ORDER NO. : 96144173		STATION : MAS		LOCATION : Concourse	
EQUIPMENT NO : GRT		SERIAL NO. :		DATE INSPECTION : 24/1/23	
FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 96144173		STATION : MAS		LOCATION : Concourse	
EQUIPMENT NO : GRT		SERIAL NO. :		DATE INSPECTION : 24/1/23	
FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Form	Airport Rail Link Project
Check Sheet PM_Sanitary-Plumbing System - Grease Trap	Effective Date: 25 FEB 2022
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Preventive Maintenance BES Y1

Work Order No.:	**96144174**
Funct.Location:	**BES-SAN-MAS**
	Makkasan Station
Equipment:	N/A
Location:	N/A
Mileage/Operation (hr):	

MNT. Plan No.: 1686
MNT. Call No.: 28
MNT. Item No.: 2976
MNT. Task Grp.: BES-SAN **GC.:** 36
Plan Date: 03.01.2023
Basic Start Date: 09.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : PM@MAS (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@MAS (Wast water treatment) (Y1)	0	0.0 MIN	
0020-0010	MAS-G-WWT-01	0	0.0	
0020-0020	MAS-G-WWT-02	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration in minutes			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
	14/01/2023	10 : 30	14/01/2023	13 : 00	–	–	90	137-140, 143, 48
	23/01/2023	09 : 50	23/01/2023	13 : 30	–	–	220	
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)
Start Working Time	14/01/2023	10 : 30	Y
End Working Time / Malfunction End / FFO**	23/01/2023	13 : 30	

[redacted]

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessarily time the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

MAS AERA ONE

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144174	STATION: MAS	LOCATION: Ground
EQUIPMENT NO: AB - 01	SERIAL NO.: -	DATE INSPECTION: 23/01/2023

FREQUENCY	W	1M	2M	3M	6M	1Y
	☐	☐	☐	☐	☐	☑

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 5.64 A		
			I2 5.84 A		
			I3 5.40 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 234 V	R - S 407 V	
			S - N 234 V	S - T 405 V	
			T - N 234 V	T - R 404 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

10 mm

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Form	Airport Rail Link Project
Check Sheet PM_Sanitary-Plumbing System - Waste Water Treatment	Effective Date: 25 FEB 2022
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W&W

WORK ORDER NO.: 96144174	STATION: MAS	LOCATION: Ground
EQUIPMENT NO: AB - 02	SERIAL NO.:	DATE INSPECTION: 23/01/2023

FREQUENCY	W	1M	2M	3M	6M	1Y
	☐	☐	☐	☐	☐	☑

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 5.64 A		
			I2 5.23 A		
			I3 5.46 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 234 V	R - S 407 V	
			S - N 234 V	S - T 405 V	
			T - N 234 V	T - R 405 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Form	Airport Rail Link Project
Check Sheet PM_Sanitary-Plumbing System - Waste Water Treatment	Effective Date: 25 FEB 2022
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W&W

WORK ORDER NO.: 96144174	STATION: MAS	LOCATION: Ground
EQUIPMENT NO.: RTP-01	SERIAL NO.:	DATE INSPECTION: 14/01/2023

FREQUENCY	W	1M	2M	3M	6M	1Y
	☐	☐	☐	☐	☐	☑

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 0.71 A		
			I2 0.74 A		
			I3 0.72 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 234 V	R - S 405 V	
			S - N 234 V	S - T 407 V	
			T - N 234 V	T - R 405 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144174	STATION: MAS	LOCATION: Ground
EQUIPMENT NO.: RTP-02	SERIAL NO.:	DATE INSPECTION: 14/01/2023

FREQUENCY	W	1M	2M	3M	6M	1Y
	☐	☐	☐	☐	☐	☑

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☐ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☐ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☐ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☐ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 - A		
			I2 - A		
			I3 - A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 234 V	R - S 405 V	
			S - N 234 V	S - T 405 V	
			T - N 234 V	T - R 404 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Motor short-turn

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES Y1

Work Order No.: 96144243	**MNT. Plan No.:** 1690
Funct.Location: BES-SAN-RKH Ramkhamhaeng Station	**MNT. Call No.:** 28
Equipment: N/A	**MNT. Item No.:** 2980
Location: N/A	**MNT. Task Grp.:** BES-SAN **GC.:** 40
Mileage/Operation (hr):	**Plan Date:** 10.01.2023
	Basic Start Date: 09.01.2023
	Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : PM@RKH (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@RKH (Wast water treatment) (Y1)	0	0.0 MIN	
0020-0010	RKH-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	18/1/23	01 : 40	18/1/23	01 : 50	-	-	10	114,117
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by (Applicant (Name))	Signature
Start Working Time	18/1/23	01 : 40	Y	[redacted]	
End Working Time / Malfunction End** / FFO	18/1/23	01 : 50			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

RKH SRTE

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144243	STATION: RKH	LOCATION: Ground
EQUIPMENT NO.: SAN-Toilet	SERIAL NO.: -	DATE INSPECTION: 18/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....-.....A		
			I2 .....-.....A		
			I3 .....-.....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....-.....V	R - S.....-.....V	
			S - N.....-.....V	S - T.....-.....V	
			T - N.....-.....V	T - R.....-.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

Preventive Maintenance BES Y1

Work Order No.: 96144248
Funct.Location: BES-SAN-TSS
Traction Sub Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1740
MNT. Call No.: 29
MNT. Item No.: 3030
MNT. Task Grp.: BES-SAN **GC.:** 28
Plan Date: 10.01.2023
Basic Start Date: 07.01.2023
Basic End Date: 07.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ TSS

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Traveling Time	Waiting Time	Working Time	
0010	7/01/23	12 : 10	7/01/23	13 : 00	-	-	50	111
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	7/01/23	12 : 10	N	[redacted]	
End Working Time / Malfunction End** / FFO	7/01/23	13 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96 44248	STATION: TSS	LOCATION: Ground	
EQUIPMENT NO: Septic Tank	SERIAL NO.: -	DATE INSPECTION 7/01/23	

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
1.					
2.					

Service By :	Position	Start Date	End Date
[redacted]			

Preventive Maintenance BES Y1

Work Order No.: 96144251 **Funct.Location:** BES-SAN-HUM Humark Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**	**MNT. Plan No.:** 1734 **MNT. Call No.:** 29 **MNT. Item No.:** 3024 **MNT. Task Grp.:** BES-SAN GC.: 28 **Plan Date:** 10.01.2023 **Basic Start Date:** 09.01.2023 **Basic End Date:** 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ HUM

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS WKW

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Traveling Time	Waiting Time	Working Time	Maintainer ID
0010	2/1/23	11:45	2/1/23	12:15	-	-	30	108
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	2/1/2023	11:45	Y	[redacted]	
End Working Time / Malfunction End** / FFO	2/1/2023	12:15			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

HUM SRTET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144251	STATION: HUM	LOCATION: Ground
EQUIPMENT NO: Septic Tank	SERIAL NO.: –	DATE INSPECTION 2/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	✓JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144251	STATION: HUM	LOCATION: Ground
EQUIPMENT NO: Drain Tank	SERIAL NO.: –	DATE INSPECTION 2/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	✓JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144251	STATION: HUM	LOCATION: Ground
EQUIPMENT NO: GRT-01	SERIAL NO.: –	DATE INSPECTION: 2/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	✓JAN	FEB	MAR	APR	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144251	STATION: HUM	LOCATION: Concourse
EQUIPMENT NO: GRT-02	SERIAL NO.: –	DATE INSPECTION: 2/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	✓JAN	FEB	MAR	APR	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES Y1

Work Order No.: 96144300 **Funct.Location:** BES-SAN-DPK Depot Klongton **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**	**MNT. Plan No.:** 1739 **MNT. Call No.:** 29 **MNT. Item No.:** 3029 **MNT. Task Grp.:** BES-SAN GC.: 28 **Plan Date:** 10.01.2023 **Basic Start Date:** 08.01.2023 **Basic End Date:** 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ DPK

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	8/1/23	12 : 30	8/1/23	18 : 00	-	-	330	150
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	8/1/23	12 : 30	N	[redacted]	
End Working Time / Malfunction End** / FFO	8/1/23	18 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

WW

WORK ORDER NO.: 96144300	STATION: DPK	LOCATION: MWS/[illegible]
EQUIPMENT NO: Sewage Pump - 01	SERIAL NO.: –	DATE INSPECTION: 1/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.91 A		
			I2 2.91 A		
			I3 3 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 225.3 V	R - S 384.4 V	
			S - N 224.5 V	S - T 391.5 V	
			T - N 225.8 V	T - R 390.4 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

WW

WORK ORDER NO.: 96144300	STATION: DPK	LOCATION: MWS/[illegible]
EQUIPMENT NO: Sewage Pump - 02	SERIAL NO.: –	DATE INSPECTION: 8/21/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 3.02 A		
			I2 3.01 A		
			I3 3.02 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 225.5 V	R - S 384.7 V	
			S - N 223.9 V	S - T 390 V	
			T - N 224.1 V	T - R 389.5 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144300	STATION: DPK	LOCATION: MWS / [illegible]
EQUIPMENT NO.: SP-01	SERIAL NO.: –	DATE INSPECTION: 8/01/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN FEB MAR	APR MAY JUN	JUL AUG	SEP OCT	NOV DEC	

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.18 A		
			I2 2.01 A		
			I3 2.08 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 225.4 V	R-S 388.4 V	
			S-N 223.9 V	S-T 390.8 V	
			T-N 224.8 V	T-R 389.5 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96149300	STATION: DPK	LOCATION: MWS / [illegible]
EQUIPMENT NO.: SP-02	SERIAL NO.: –	DATE INSPECTION: 8/01/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN FEB MAR	APR MAY JUN	JUL AUG	SEP OCT	NOV DEC	

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 1.72 A		
			I2 1.68 A		
			I3 1.73 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 225.3 V	R-S 387.9 V	
			S-N 223.5 V	S-T 390.4 V	
			T-N 224.6 V	T-R 389.4 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96/49300	STATION: DPK	LOCATION: ใต้รางลิฟต์
EQUIPMENT NO.: SP-03	SERIAL NO.: –	DATE INSPECTION: 8/01/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC					

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 1.04 A		
			I2 1.39 A		
			I3 1.34 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229.1 V	R - S 395.6 V	
			S - N 228.2 V	S - T 396.4 V	
			T - N 228.4 V	T - R 396.4 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96/49300	STATION: DPK	LOCATION: ใต้รางลิฟต์
EQUIPMENT NO.: SP-04	SERIAL NO.: –	DATE INSPECTION: 8/01/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC					

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 1.04 A		
			I2 1.03 A		
			I3 1.02 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 228.5 V	R - S 396.6 V	
			S - N 228 V	S - T 396.5 V	
			T - N 228.8 V	T - R 395.2 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144300	STATION: DPK	LOCATION: Washing Plant
EQUIPMENT NO.: SP-A	SERIAL NO.:	DATE INSPECTION: 8/01/23

FREQUENCY	☐ W	☐	1M	☐ 2M	☐ 3M		☐ 6M	☑ 1Y	
CHECK	JAN ☑	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.91 A		
			I2 2.88 A		
			I3 2.88 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 228.1 V	R - S 396.6 V	
			S - N 228 V	S - T 396.3 V	
			T - N 229.1 V	T - R 396.4 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144300	STATION: DPK	LOCATION: Washing Plant
EQUIPMENT NO.: SP-B	SERIAL NO.:	DATE INSPECTION: 8/01/23

FREQUENCY	☐ W	☐	1M	☐ 2M	☐ 3M		☐ 6M	☑ 1Y	
CHECK	JAN ☑	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 3.03 A		
			I2 2.97 A		
			I3 2.96 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229.5 V	R - S 390.6 V	
			S - N 228.1 V	S - T 396.8 V	
			T - N 228.6 V	T - R 396.7 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES Y1

Work Order No.:	**96144333**
Funct.Location:	**BES-SAN-DPK**
	Depot Klongton
Equipment:	N/A
Location:	N/A
Mileage/Operation (hr):	

MNT. Plan No.: 1687
MNT. Call No.: 28
MNT. Item No.: 2977
MNT. Task Grp.: BES-SAN **GC.:** 37
Plan Date: 10.01.2023
Basic Start Date: 08.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : PM@DPK (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@DPK (Wast water treatment) (Y1)	0	0.0 MIN	
0020-0010	DPK-G-WWT-01	0	0.0	
0020-0020	DPK-G-WWT-02	0	0.0	
0020-0030	DPK-G-WWT-03	0	0.0	
0020-0040	DPK-G-WWT-04	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	8/1/23	12:30	8/1/23	18:00	-	-	330	108
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	8/1/23	12:30	N	[redacted]	
End Working Time / Malfunction End / FFO**	8/1/23	18:00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144933	STATION: DPK	LOCATION: MWS/[illegible]
EQUIPMENT NO.: Aerator Pump	SERIAL NO.: -	DATE INSPECTION: 8/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN FEB MAR APR MAY JUN JUL AUG	SEP OCT NOV DEC				

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 3.65 A		
			I2 3.53 A		
			I3 3.67 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 224.3 V	R - S 388.6 V	
			S - N 221.8 V	S - T 390.4 V	
			T - N 225.8 V	T - R 389.9 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

W&W

WORK ORDER NO.: 96144933	STATION: DPK	LOCATION: MWS/[illegible]
EQUIPMENT NO.: Return Pump	SERIAL NO.: -	DATE INSPECTION: 8/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN FEB MAR APR MAY JUN JUL AUG	SEP OCT NOV DEC				

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 0.61 A		
			I2 0.61 A		
			I3 0.61 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 224.4 V	R - S 388.7 V	
			S - N 222.9 V	S - T 390.3 V	
			T - N 225.2 V	T - R 387.4 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

W&W

WORK ORDER NO.: 96144993	STATION: DPK	LOCATION: IWS
EQUIPMENT NO.: Aerator Pump	SERIAL NO.: -	DATE INSPECTION: 8/1/23

FREQUENCY	W	1M	2M	3M	6M	1Y
	☐	☐	☐	☐	☐	☑

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.64 A		
			I2 2.6 A		
			I3 2.69 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 223.6 V	R-S 391.6 V	
			S-N 221.4 V	S-T 393.2 V	
			T-N 223.8 V	T-R 391.8 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144993	STATION: DPK	LOCATION: IWS
EQUIPMENT NO.: Return Pump	SERIAL NO.: -	DATE INSPECTION: 8/1/23

FREQUENCY	W	1M	2M	3M	6M	1Y
	☐	☐	☐	☐	☐	☑

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 0.65 A		
			I2 0.64 A		
			I3 0.64 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 223.5 V	R-S 390.5 V	
			S-N 223.8 V	S-T 390.5 V	
			T-N 221.5 V	T-R 391.6 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES Y1

Work Order No.:	**96144351**
Funct.Location:	**BES-SAN-RKH**
	Ramkhamhaeng Station
Equipment:	N/A
Location:	N/A
Mileage/Operation (hr):	

MNT. Plan No.: 1733
MNT. Call No.: 29
MNT. Item No.: 3023
MNT. Task Grp.: BES-SAN **GC.:** 28
Plan Date: 10.01.2023
Basic Start Date: 09.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ RKH

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	18/1/23	01 : 00	18/1/23	01 : 30	-	-	30	[redacted]
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	18/1/23	01 : 00	Y	[redacted]	
End Working Time / Malfunction End / FFO**	18/1/23	01 : 30			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

RKH SATEJ

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144381	STATION: RKH	LOCATION: Ground
EQUIPMENT NO: Septic Tank	SERIAL NO.: -	DATE INSPECTION 18/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144381	STATION: RKH	LOCATION: Ground
EQUIPMENT NO: Drain Tank	SERIAL NO.: -	DATE INSPECTION 18/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144551	STATION: RKH	LOCATION: Ground
EQUIPMENT NO.: GRT - 01	SERIAL NO.: -	DATE INSPECTION: 18/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96144551	STATION: RKH	LOCATION: Concourse
EQUIPMENT NO.: GRT - 02	SERIAL NO.: -	DATE INSPECTION: 18/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

Preventive Maintenance BES Y1

Work Order No.:	**96144403**
Funct.Location:	**BES-SAN-HUM**
	Humark Station
Equipment:	N/A
Location:	N/A
Mileage/Operation (hr):	

MNT. Plan No.: 1691
MNT. Call No.: 28
MNT. Item No.: 2981
MNT. Task Grp.: BES-SAN **GC.:** 41
Plan Date: 17.01.2023
Basic Start Date: 09.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : PM@HUM (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@HUM (Wast water treatment) (Y1)	0	0.0 MIN	
0020-0010	HUM-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travelling Time	Waiting Time	Working Time	Maintainer ID
0010	2/1/23	11 : 10	2/1/23	11 : 40	–	–	30	108
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	2/1/2023	11 : 10	Y	[redacted]	
End Working Time / Malfunction End** / FFO	2/1/2023	11 : 40			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

HUM SRTET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144403	STATION: HUM	LOCATION: Ground
EQUIPMENT NO: WWT - 01	SERIAL NO.: –	DATE INSPECTION: 2/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....–.....A		
			I2 .....–.....A		
			I3 .....–.....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....–.....V	R - S.....–.....V	
			S - N.....–.....V	S - T.....–.....V	
			T - N.....–.....V	T - R.....–.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

Preventive Maintenance BES Y1

Work Order No.:	**96144416**
Funct.Location:	**BES-SAN-BTC**
	Banthapchang Station
Equipment:	N/A
Location:	N/A
Mileage/Operation (hr):	

MNT. Plan No.: 1735
MNT. Call No.: 29
MNT. Item No.: 3025
MNT. Task Grp.: BES-SAN GC.: 28
Plan Date: 17.01.2023
Basic Start Date: 06.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ BTC

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travelling Time	Waiting Time	Working Time	Maintainer ID
0010	11/1/23	17:00	11/1/23	17:30	-	-	30	045
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Y/N)	Signature
Start Working Time	11/1/23	17:00	Y	[redacted]	
End Working Time / Malfunction End** / FFO	11/1/23	17:30			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

Signature / Date	Signature / Date	Signature / Date	[redacted]

W&W

WORK ORDER NO.: 06144416	STATION: BTC			LOCATION: Ground	
EQUIPMENT NO: Septic tank	SERIAL NO.: –			DATE INSPECTION 11/1/23	
FREQUENCY CHECK	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M ☑ 1Y
	JAN	FEB	MAR	APR	MAY JUN JUL AUG SEP OCT NOV DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark
[redacted]					

W&W

WORK ORDER NO.: 96144416	STATION: BTC	LOCATION: Ground
EQUIPMENT NO: Drain tank Pit	SERIAL NO.: –	DATE INSPECTION 11/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144416	STATION: BTC	LOCATION: Ground
EQUIPMENT NO: Grease Trap	SERIAL NO.: –	DATE INSPECTION: 11/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144416	STATION: BTC	LOCATION: Concourse
EQUIPMENT NO: Grease Trap	SERIAL NO.: —	DATE INSPECTION: 11/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]					

Preventive Maintenance BES Y1

Work Order No.: 96144417
Funct.Location: BES-SAN-LKB
Latkrabang Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1736
MNT. Call No.: 29
MNT. Item No.: 3026
MNT. Task Grp.: BES-SAN GC.: 28
Plan Date: 17.01.2023
Basic Start Date: 06.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ LKB

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	6/1/23	12:10	6/1/23	12:40	-	-	30	045
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	6/1/23	12:10		[redacted]	
End Working Time / Malfunction End** / FFO	6/1/23	12:40			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

LKB

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144414	STATION: LKB	LOCATION: Ground	
EQUIPMENT NO.: Septic Tank	SERIAL NO.: -	DATE INSPECTION 6/1/23	

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y						
CHECK	☑ JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

WORK ORDER NO. : 96144419	STATION : LKB	LOCATION : Ground
EQUIPMENT NO : Drain Tank	SERIAL NO. : -	DATE INSPECTION 6/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

WORK ORDER NO. : 96144419	STATION : LKB	LOCATION : Ground
EQUIPMENT NO : GRT - 01	SERIAL NO. : -	DATE INSPECTION : 6/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark

[redacted]

W&W

WORK ORDER NO.: 96144614	STATION: LRB	LOCATION: Concourse
EQUIPMENT NO: BRT-02	SERIAL NO.: -	DATE INSPECTION: 6/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☑ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☑ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☑ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

Preventive Maintenance BES Y1

Work Order No.: 96144508
Funct.Location: BES-SAN-TSS
Traction Sub Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1694
MNT. Call No.: 36
MNT. Item No.: 2984
MNT. Task Grp.: BES-SAN **GC.:** 44
Plan Date: 17.01.2023
Basic Start Date: 07.01.2023
Basic End Date: 07.01.2023

1.WORK ORDER DESCRIPTION : PM@TSS (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@TSS (Wast water treatment) (Y1)	0	0.0 MIN	
20-0010	TSS-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	7/1/23	12 : 10	7/1/23	13 : 00	-	-	50	150
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	7/1/2023	12 : 10	N	[redacted]	
End Working Time / Malfunction End** / FFO	7/1/2023	13 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144508	STATION: TSS		LOCATION: Ground
EQUIPMENT NO.: NWT 01	SERIAL NO.: -		DATE INSPECTION: 7/01/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN / FEB / MAR	APR / MAY / JUN	JUL / AUG	SEP / OCT / NOV / DEC		

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....-.....A		
			I2 .....-.....A		
			I3 .....-.....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....-.....V	R - S.....-.....V	
			S - N.....-.....V	S - T.....-.....V	
			T - N.....-.....V	T - R.....-.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

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Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES Y1

Work Order No.: 96144644 **Funct.Location:** BES-SAN-SVB Suvarnabhumi Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**_____	**MNT. Plan No.:** 1738 **MNT. Call No.:** 29 **MNT. Item No.:** 3028 **MNT. Task Grp.:** BES-SAN GC.: 28 **Plan Date:** 24.01.2023 **Basic Start Date:** 06.01.2023 **Basic End Date:** 31.01.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ SVB

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	Water Drainage (Y1)	0	0.0 MIN	
0020-0010	Sump pump	0	0.0	
0020-0020	Drain pupm	0	0.0	
0020-0030	Drain pit/tank	0	0.0	
0020-0040	Septic Tank	0	0.0	
0020-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travel Time	Waiting Time	Working Time	Maintainer ID	
0010	6/1/23	13:10	6/1/23	15:40	-	-	150	108	BES
0010	26/1/23	12:30	26/1/23	13:30	-	-	60	109	BES.
		:		:					
		:		:					
		:		:					
		:		:					
		:		:					

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	26/1/23	13:10	Y	[redacted]	
End Working Time / Malfunction End** / FFO	26/1 23	13:30			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

SATEL

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144644	STATION: SVB	LOCATION: Platform city
EQUIPMENT NO: SSP-01	SERIAL NO.: -	DATE INSPECTION 6/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	~~JAN~~	FEB	MAR	APR	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144644	STATION: SVB	LOCATION: PF city
EQUIPMENT NO: SSP-02	SERIAL NO.: -	DATE INSPECTION 6/1/2023.

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	~~JAN~~	FEB	MAR	APR	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144644	STATION: SVB	LOCATION: PF GxD
EQUIPMENT NO: SSP-01	SERIAL NO.: –	DATE INSPECTION 6/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144644	STATION: SVB	LOCATION: PF GxD
EQUIPMENT NO: SSP-02	SERIAL NO.: –	DATE INSPECTION 6/1/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☑ Normal	☐ Fault	
4	Check clogged	Not clogged	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 96144644	STATION : SVB	LOCATION : PF / City
EQUIPMENT NO : SDP-01	SERIAL NO. : -	DATE INSPECTION : 6/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ...73.8...A		
			I2 ...72.6...A		
			I3 ...74.5...A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 228 ...V	R - S. 398 ...V	
			S - N. 229 ...V	S - T. 398 ...V	
			T - N. 229 ...V	T - R. 399 ...V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 96144644	STATION : SVB	LOCATION : PF / City
EQUIPMENT NO : SDP-02	SERIAL NO. : -	DATE INSPECTION : 6/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ...69.71...A		
			I2 ...73.8...A		
			I3 ...71.9...A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 230 ...V	R - S. 399 ...V	
			S - N. 228 ...V	S - T. 398 ...V	
			T - N. 229 ...V	T - R. 400 ...V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 96144644	STATION : SVB	LOCATION Ground
EQUIPMENT NO : STD -01	SERIAL NO. :	DATE INSPECTION : 26/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	✓JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ..57.38....A		
			I2 ..57.1.....A		
			I3 ..56.85....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N..220.....V	R - S..398.....V	
			S - N..229.....V	S - T..398.....V	
			T - N..220.....V	T - R..399.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96144644	STATION : SVB	LOCATION : Ground
EQUIPMENT NO : STD - 02	SERIAL NO. :	DATE INSPECTION : 26/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	✓JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96144644	STATION : SVB	LOCATION : Ground
EQUIPMENT NO : STD-03	SERIAL NO. :	DATE INSPECTION : 26/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96144644	STATION : SVB	LOCATION : Ground
EQUIPMENT NO : STD-02	SERIAL NO. :	DATE INSPECTION : 26/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ...46.6.....A		
			I2 ...45.7.....A		
			I3 ...46.2.....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.226...V	R - S.399.V	
			S - N.229...V	S - T.399.V	
			T - N.228...V	T - R.398.V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96144644	STATION : SVB	LOCATION : Ground
EQUIPMENT NO : STD-05	SERIAL NO. :	DATE INSPECTION : 26/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 15.65 A		
			I2 15.68 A		
			I3 15.57 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 227 V	R - S. 399 V	
			S - N. 229 V	S - T. 399 V	
			T - N. 230 V	T - R. 398 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96144644	STATION : SVB	LOCATION : Ground
EQUIPMENT NO : STD-06	SERIAL NO. : -	DATE INSPECTION : 26/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 15.5 A		
			I2 15.6 A		
			I3 15.2 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 228 V	R - S. 399 V	
			S - N. 226 V	S - T. 400 V	
			T - N. 227 V	T - R. 397 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark

[redacted]

W&W

WORK ORDER NO.: 96144644	STATION: SVB	LOCATION: PF / Express
EQUIPMENT NO: SSP-01	SERIAL NO.:	DATE INSPECTION: 6/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ...20.29...A		
			I2 ...20.21...A		
			I3 ...20.33...A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N...228...V	R - S...399...V	
			S - N...224...V	S - T...398...V	
			T - N...230...V	T - R...399...V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96144644	STATION: SVB	LOCATION: PF / Express
EQUIPMENT NO: SSP-02	SERIAL NO.:	DATE INSPECTION: 6/1/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ...20.21...A		
			I2 ...21.3...A		
			I3 ...21.25...A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N...230...V	R - S...398...V	
			S - N...228...V	S - T...398...V	
			T - N...229...V	T - R...399...V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES Y1

Work Order No.: 96144661 **Funct.Location:** BES-SAN-LKB Latkrabang Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**	**MNT. Plan No.:** 1693 **MNT. Call No.:** 28 **MNT. Item No.:** 2983 **MNT. Task Grp.:** BES-SAN GC.: 43 **Plan Date:** 24.01.2023 **Basic Start Date:** 06.01.2023 **Basic End Date:** 31.01.2023

1.WORK ORDER DESCRIPTION : PM@LKB (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@LKB (Wast water treatment) (Y1)	0	0.0 MIN	
0020-0010	LKB-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration(minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	6/1/23	12:10	6/1/23	12:40	–	–	30	108
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	6/1/23	12:10	B	[redacted]	
End Working Time / Malfunction End** / FFO	6/1/23	12:40			

**Malfunction End is whether time when the failure is cleared or disappear. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144661	STATION: LKB	LOCATION: Ground
EQUIPMENT NO: WWT-01	SERIAL NO.:	DATE INSPECTION: 6/1/23

FREQUENCY CHECK: ☐ W ☐ 1M ☐ 2M ☐ 3M ☐ 6M ☑ 1Y

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
✓											

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

Maintenance

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Form	Airport Rail Link Project
Check Sheet PM_Sanitary-Plumbing System - Waste Water Treatment	Effective Date: 25 FEB 2022
Document Code: FMW-BES-70000-056-EN-A	Page 3 of 3

Preventive Maintenance BES Y1

Work Order No.: 96144759
Funct.Location: BES-SAN-BTC
Banthapchang Station
Equipment: N/A
Location: N/A

Mileage/Operation (hr):_____

MNT. Plan No.: 1692
MNT. Call No.: 28
MNT. Item No.: 2982
MNT. Task Grp.: BES-SAN GC.: 42
Plan Date: 24.01.2023
Basic Start Date: 06.01.2023
Basic End Date: 31.01.2023

1.WORK ORDER DESCRIPTION : PM@BTC (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0020	PM@BTC (Wast water treatment) (Y1)	0	0.0 MIN	
0020-0010	BTC-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	
0030-0010	WP or TP Required ( ) Yes ( ) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	11/1/23	16:00	11/1/23	16:30	-	-	30	045
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	11/1/23	16:00	Y		[redacted]
End Working Time / Malfunction End** / FFO	11/1/23	16:30			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96144799	STATION: BTC	LOCATION:	
EQUIPMENT NO: WWT-01	SERIAL NO.: -	DATE INSPECTION: 11/1/23	

FREQUENCY	☐ W	☐ 1M	☐ 2M	☐ 3M	☐ 6M	☑ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☑ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☑ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☑ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☑ Normal	☐ Fault	

Recommendations / Remark :

ไม่มีข้อเสนอแนะ

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96146738 **Funct.Location:** BES-SAN-PTH Phaya Thai Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):** _____	**MNT. Plan No.:** 1731 **MNT. Call No.:** 30 **MNT. Item No.:** 3021 **MNT. Task Grp.:** BES-SAN **GC.:** 28 **Plan Date:** 03.04.2023 **Basic Start Date:** 03.04.2023 **Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ PTH

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
0010-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	045
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minutes) Travelling Time	Waiting Time	Working Time	Maintainer ID
0010	11/4/2023	03:25	11/4/202	03:50	-	-	25	129,045
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Leader (Name)	Signature
Start Working Time	11/4/2023	03:25	Y	[redacted]	
End Working Time / Malfunction End** / FFO	11/4/2023	03:50			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 96146738	STATION : PTH	LOCATION : CC
EQUIPMENT NO :	SERIAL NO. : -	DATE INSPECTION 11/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96146778	STATION : PTH	LOCATION : CC
EQUIPMENT NO :	SERIAL NO. : -	DATE INSPECTION 11/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96141978	STATION : PTH	LOCATION : CC
EQUIPMENT NO :	SERIAL NO. : -	DATE INSPECTION : 11/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96141988	STATION : PTH	LOCATION : CC
EQUIPMENT NO :	SERIAL NO. : -	DATE INSPECTION : 11/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

Form	Airport Rail Link Project
Check Sheet PM_Sanitary-Plumbing System - Grease Trap	Effective Date: 25 FEB 2022
Document Code: FMW-BES-70000-061-EN-A	Page 3 of 3

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Preventive Maintenance BES M3

Work Order No.: 96146742 **Funct.Location:** BES-SAN-RPR Ratchaprarop Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**	**MNT. Plan No.:** 1689 **MNT. Call No.:** 29 **MNT. Item No.:** 2979 **MNT. Task Grp.:** BES-SAN **GC.:** 39 **Plan Date:** 03.04.2023 **Basic Start Date:** 03.04.2023 **Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : PM@RPR (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@RPR (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	RPR-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	045
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minutes) Travelling Time	Waiting Time	Working Time	Maintainer ID
0010	11/4/2023	01 : 15	11/4/2023	01 : 45	-	-	30	129, 0245
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	11/4/2023	01 : 15	Y	[redacted]	
End Working Time / Malfunction End** / FFO	11/4/2023	01 : 45			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

SRTET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

WW

WORK ORDER NO. : 96146742	STATION : BES	LOCATION : Ground
EQUIPMENT NO :	SERIAL NO. :	DATE INSPECTION : 11/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96146744
Funct.Location: BES-SAN-PTH
Phaya Thai Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1688
MNT. Call No.: 29
MNT. Item No.: 2978
MNT. Task Grp.: BES-SAN **GC.:** 38
Plan Date: 03.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : PM@PTH (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@PTH (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	PTH-G-WWT-01	0	0.0	
30	Final checking and testing by	0	0.0	129
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (min.)			Mileage
	Date	Time	Date	Time	Traveling Time	Waiting Time	Work Time	
0010	11/4/2023	02 : 50	11/4/2023	03 : 20	–	–	30	129,045
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	11/4/2023	02 : 50	Y	[redacted]	
End Working Time / Malfunction End** / FFO	11/4/2023	03 : 20			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

SRTET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 91146244	STATION : PTH	LOCATION : Ground	
EQUIPMENT NO :	SERIAL NO. : –	DATE INSPECTION : 11/4/23	

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

tive Maintenance BES M3

Work Order No.: 96146746 **Funct.Location:** BES-SAN-MAS Makkasan Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**_____	**MNT. Plan No.:** 1737 **MNT. Call No.:** 30 **MNT. Item No.:** 3027 **MNT. Task Grp.:** BES-SAN GC.: 28 **Plan Date:** 03.04.2023 **Basic Start Date:** 03.04.2023 **Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ MAS

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
0010-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	011, 018
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Traveling Time	Waiting Time	Working Time	Man time ID
0010	15/4/23	10 : 40	15/4/2023	12 : 30	-	-	110	44, 48
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by	Signature
Start Working Time	15/4/2023	10 : 40	Y	[redacted]	
End Working Time / Malfunction End** / FFO	15/4/2023	12 : 30			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

MAS AERA ONE

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 96146746	STATION : MAS	LOCATION : Ground
EQUIPMENT NO : Sumppump-1	SERIAL NO. :	DATE INSPECTION : 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN FEB MAR ~~APR~~ MAY JUN JUL AUG SEP OCT NOV DEC					

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 3.43 A		
			I2 3.66 A		
			I3 3.69 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229 V	R - S 400 V	
			S - N 230 V	S - T 398 V	
			T - N 228 V	T - R 397 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

W&W

WORK ORDER NO. : 96146746	STATION : MAS	LOCATION : Ground
EQUIPMENT NO : Sumppump-2	SERIAL NO. :	DATE INSPECTION : 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN FEB MAR ~~APR~~ MAY JUN JUL AUG SEP OCT NOV DEC					

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 3.49 A		
			I2 3.69 A		
			I3 3.73 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229 V	R - S 400 V	
			S - N 229 V	S - T 396 V	
			T - N 230 V	T - R 396 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

W&W

WORK ORDER NO.: 9614 6746	STATION: MG3	LOCATION: Ground
EQUIPMENT NO: Drain Pump 1	SERIAL NO.:	DATE INSPECTION: 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☐ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.60 A		
			I2 2.86 A		
			I3 3.02 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 399 V	
			S - N 229 V	S - T 400 V	
			T - N 228 V	T - R 398 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

W&W

WORK ORDER NO.: 9614 6746	STATION: MG3	LOCATION: Ground
EQUIPMENT NO: Drain Pump 2	SERIAL NO.:	DATE INSPECTION: 15/10/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.97 A		
			I2 2.92 A		
			I3 2.99 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 400 V	
			S - N 228 V	S - T 409 V	
			T - N 227 V	T - R 399 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

[redacted]

W&W

WORK ORDER NO.: 9646746	STATION: MAS	LOCATION: Ground
EQUIPMENT NO: ST	SERIAL NO.:	DATE INSPECTION 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 9646726	STATION: MAS	LOCATION: Ground
EQUIPMENT NO: DP	SERIAL NO.:	DATE INSPECTION 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 9614 6746	STATION : MOS	LOCATION : Ground
EQUIPMENT NO : GRT	SERIAL NO. :	DATE INSPECTION : 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 9614 6746	STATION : MOS	LOCATION : Ground
EQUIPMENT NO : GRT	SERIAL NO. :	DATE INSPECTION : 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Form	Airport Rail Link Project
Check Sheet PM_Sanitary-Plumbing System - Grease Trap	Effective Date: 25 FEB 2022
Document Code: FMW-BES-70000-061-EN-A	Page 3 of 3

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W&W

WORK ORDER NO.: 9614676	STATION: MAS	LOCATION: Arrival
EQUIPMENT NO: GRT	SERIAL NO.:	DATE INSPECTION: 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 9614676	STATION: MAS	LOCATION: Concourse
EQUIPMENT NO: GRT	SERIAL NO.:	DATE INSPECTION: 15/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Form	Airport Rail Link Project
Check Sheet PM_Sanitary-Plumbing System - Grease Trap	Effective Date: 25 FEB 2022
Document Code: FMW-BES-70000-061-EN-A	Page 3 of 3

WORK ORDER NO. : 96146746	STATION : MAS	LOCATION : Concourse
EQUIPMENT NO : RPT	SERIAL NO. :	DATE INSPECTION : 13/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

Item	Instrument Name	Model No.	Serial No.	Expire Date	Remark

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96146758
Funct.Location: BES-SAN-RPR
Ratchaprarop Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1732
MNT. Call No.: 30
MNT. Item No.: 3022
MNT. Task Grp.: BES-SAN GC.: 28
Plan Date: 03.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ RPR

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
10-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	129
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minutes)			Manhours
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	11/4/2023	02:00	11/4/2023	02:25	–	–	25	129, 246
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	11/4/2023	02:00	Y	[redacted]	
End Working Time / Malfunction End** / FFO	11/4/2023	02:25			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

SATET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 11/4/67 58	STATION : RQR	LOCATION : Concourse
EQUIPMENT NO :	SERIAL NO. : –	DATE INSPECTION : 11/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96146758	STATION : RPR	LOCATION : Concourse
EQUIPMENT NO :	SERIAL NO. :	DATE INSPECTION : 11/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 96146758	STATION : RPR	LOCATION : Concourse
EQUIPMENT NO :	SERIAL NO. : –	DATE INSPECTION 11/4/2023

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

WW

WORK ORDER NO.: 96146758	STATION: RPR	LOCATION: Concourse
EQUIPMENT NO:	SERIAL NO.: -	DATE INSPECTION 11/4/2023

FREQUENCY CHECK	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

Item	Instrument Name	Model No	Serial No	Expire Date	Remark
[redacted]					

Preventive Maintenance BES M3

Work Order No.: 96146812		**MNT. Plan No.:** 1686
Funct.Location:	BES-SAN-MAS Makkasan Station	**MNT. Call No.:** 29
Equipment:	N/A	**MNT. Item No.:** 2976
Location:	N/A	**MNT. Task Grp.:** BES-SAN GC.: 36
Mileage/Operation (hr):		**Plan Date:** 03.04.2023
		Basic Start Date: 03.04.2023
		Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : PM@MAS (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@MAS (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	MAS-G-WWT-01	0	0.0	
10-0020	MAS-G-WWT-02	0	0.0	
0030	Final checking and testing by	0	0.0	44
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minutes) Travelling Time	Waiting Time	Working Time	Maintenance ID
0010	15/4/2023	09 : 30	15/4/2023	10 : 30	-	-	60	44, 48
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)
Start Working Time	15/4/2023	09 : 30	Y
End Working Time / Malfunction End** / FFO	15/4/2023	10 : 30	

[redacted]

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessarily to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

MAS AERA ONE

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96146812	STATION: MAS	LOCATION: Ground	
EQUIPMENT NO: Air Blower 01	SERIAL NO.:	DATE INSPECTION: 15/4/2023	

FREQUENCY	☐ W	☐ 1M	☑ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN FEB MAR	APR	MAY JUN	JUL AUG	SEP OCT NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 4.98 A		
			I2 5.35 A		
			I3 5.47 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 218 V	R - S 400 V	
			S - N 230 V	S - T 401 V	
			T - N 226 V	T - R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

NO.	Description	Standard	Result		Remark
12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96146812		STATION: MA3		LOCATION: Ground	
EQUIPMENT NO: Air Blower		SERIAL NO.:		DATE INSPECTION: 15/4/2023	

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				✓								

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 4.83 A		
			I2 4.68 A		
			I3 3.18 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 220 V	R-S 400 V	
			S-N 220 V	S-T 399 V	
			T-N 224 V	T-R 403 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96146812		STATION: MA3		LOCATION: Ground	
EQUIPMENT NO: Return Pump 01		SERIAL NO.:		DATE INSPECTION: 15/4/2023	

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				✓								

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 0.54 A		
			I2 0.60 A		
			I3 0.69 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 220 V	R-S 403 V	
			S-N 220 V	S-T 400 V	
			T-N 225 V	T-R 398 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

WW

WORK ORDER NO.: 96146812	STATION: MAS	LOCATION: Ground	
EQUIPMENT NO: RETURN 2	SERIAL NO.:	DATE INSPECTION: 15/4/2023	

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN FEB MAR ~~APR~~ MAY JUN JUL AUG SEP OCT NOV DEC					

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☐ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☐ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☐ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☐ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☐ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☐ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☐ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☐ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☐ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

(อยู่ระหว่างซ่อมบำรุง)

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96146891	**MNT. Plan No.:** 1690
Funct.Location: BES-SAN-RKH Ramkhamhaeng Station	**MNT. Call No.:** 29
	MNT. Item No.: 2980
Equipment: N/A	**MNT. Task Grp.:** BES-SAN GC.: 40
Location: N/A	**Plan Date:** 10.04.2023
	Basic Start Date: 03.04.2023
Mileage/Operation (hr):	**Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : PM@RKH (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@RKH (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	RKH-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	117
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minutes) Travelling Time	Waiting Time	Working Time	Maintenance
0010	26/4/23	01 : 30	26/4/23	01 : 46	-	-	16	117
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	26/4/23	01 : 30	N	[redacted]	
End Working Time / Malfunction End** / FFO	26/4/23	01 : 46			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 96126891	STATION : 12K27		LOCATION : 0
EQUIPMENT NO : -	SERIAL NO. : -		DATE INSPECTION : 26/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ...—...A		
			I2 ...—...A		
			I3 ...—...A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N...—...V	R - S...—...V	
			S - N...—...V	S - T...—...V	
			T - N...—...V	T - R...—...V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96146896 **Funct.Location:** BES-SAN-TSS Traction Sub Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**	**MNT. Plan No.:** 1740 **MNT. Call No.:** 30 **MNT. Item No.:** 3030 **MNT. Task Grp.:** BES-SAN **GC.:** 28 **Plan Date:** 10.04.2023 **Basic Start Date:** 03.04.2023 **Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ TSS

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
10-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	102
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (min.)			Maintenance ID
	Date	Time	Date	Time	Travelling time	Waiting time	Working time	
0010	15/4/23	12 : 50	15/4/23	13 : 20	-	-	30	102
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name	Signature
Start Working Time	15/4/23	12 : 50	N	[redacted]	
End Working Time / Malfunction End** / FFO	15/4/23	13 : 20			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessa[redacted]me when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

WW

WORK ORDER NO.: 96146896	STATION: T33	LOCATION: Ground
EQUIPMENT NO: Septic tank	SERIAL NO.: -	DATE INSPECTION 15/2/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96146898
Funct.Location: BES-SAN-HUM
Humark Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1734
MNT. Call No.: 30
MNT. Item No.: 3024
MNT. Task Grp.: BES-SAN GC.: 28
Plan Date: 10.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ HUM

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
10-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	102
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation (NO.)	Activity Start		Activity End		Activity Duration (minutes)			Maintenance ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	24/04/23	15:00	24/04/23	15:20	-	-	20	102
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	24/04/23	15:00	Y	[redacted]	
End Working Time / Malfunction End** / FFO	24/04/23	15:20			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

HUM 04-66 SAFETY

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96126898	STATION: HUM		LOCATION: Concourse
EQUIPMENT NO.: Grease Trap	SERIAL NO.: -		DATE INSPECTION: 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96146898	STATION: HUM	LOCATION: Ground
EQUIPMENT NO: Grease Trap	SERIAL NO.: —	DATE INSPECTION: 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96146898	STATION: HUM	LOCATION: Ground
EQUIPMENT NO: Septic tank	SERIAL NO.: —	DATE INSPECTION 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96144898	STATION: HUM	LOCATION: Ground
EQUIPMENT NO: Drain Pit Tank	SERIAL NO.: –	DATE INSPECTION 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96146901 **Funct.Location:** BES-SAN-DPK Depot Klongton **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**		**MNT. Plan No.:** 1687 **MNT. Call No.:** 29 **MNT. Item No.:** 2977 **MNT. Task Grp.:** BES-SAN GC.: 37 **Plan Date:** 10.04.2023 **Basic Start Date:** 03.04.2023 **Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : PM@DPK (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@DPK (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	DPK-G-WWT-01	0	0.0	
0010-0020	DPK-G-WWT-02	0	0.0	
0010-0030	DPK-G-WWT-03	0	0.0	
0010-0040	DPK-G-WWT-04	0	0.0	
0030	Final checking and testing by	0	0.0	138
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minutes)			Maintenance ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	18/4/23	10 : 30	18/4/23	11 : 30	-	-	60	138
0010	20/4/23	11 : 00	20/4/23	12 : 40	-	-	100	190
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	18/4/23	10 : 30	Y		[redacted]
End Working Time / Malfunction End** / FFO	20/4/23	12 : 40			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt Code	Failure mnt Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 96A6901	STATION : DPK	LOCATION : [illegible] MWS.
EQUIPMENT NO : WWT-RP-01	SERIAL NO. : -	DATE INSPECTION : 18/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 3.38 A		
			I2 3.49 A		
			I3 3.43 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 400 V	
			S - N 229 V	S - T 399 V	
			T - N 229 V	T - R 401 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

20 APR. 2566

W&W

WORK ORDER NO.: 96IA6901	STATION: DPK	LOCATION: อาคารสถานีดอนเมือง IWS
EQUIPMENT NO: WWT-RP-02	SERIAL NO.: –	DATE INSPECTION: 20/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 1.47 A		
			I2 1.56 A		
			I3 1.36 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229 V	R - S 401 V	
			S - N 228 V	S - T 401 V	
			T - N 229 V	T - R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96IA6901	STATION: DPK	LOCATION: อาคารสถานีดอนเมือง MWS
EQUIPMENT NO: WWT-AP-01	SERIAL NO.: –	DATE INSPECTION: 18/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 3.69 A		
			I2 3.27 A		
			I3 3.47 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 401 V	
			S - N 229 V	S - T 399 V	
			T - N 230 V	T - R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96146901	STATION: DPK	LOCATION: [illegible] INS
EQUIPMENT NO: WWT-AP-02	SERIAL NO.: -	DATE INSPECTION: 20/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN / FEB / MAR / APR / MAY / JUN / JUL / AUG / SEP / OCT / NOV / DEC					

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.16 A		
			I2 2.19 A		
			I3 2.14 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229 V	R - S 398 V	
			S - N 230 V	S - T 400 V	
			T - N 229 V	T - R 399 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96146902
Funct.Location: BES-SAN-DPK
Depot Klongton
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1739
MNT. Call No.: 30
MNT. Item No.: 3029
MNT. Task Grp.: BES-SAN GC.: 28
Plan Date: 10.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ DPK

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
10-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	102
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minute)			Manpower ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	18/4/23	10 : 30	18/4/23	11 : 30	-	-	60	137
0010	20/4/23	17 : 00	20/4/23	18 : 00	-	-	60	102
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	18/4/23	10 : 30	N		[redacted]
End Working Time / Malfunction End** / FFO	20/4/23	18 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 96146902		STATION : DPK		LOCATION : ANKDOO MNS	
EQUIPMENT NO : SP-01		SERIAL NO. : -		DATE INSPECTION : 18/04/23	
FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M ☐ 1Y
CHECK	JAN FEB MAR	APR	MAY JUN	JUL AUG	SEP OCT NOV DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.11 A		
			I2 2.11 A		
			I3 2.03 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 229 V	R - S. 401 V	
			S - N. 228 V	S - T. 401 V	
			T - N. 230 V	T - R. 399 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96IA8902	STATION: DPK	LOCATION: [illegible] MNS
EQUIPMENT NO: SP-02	SERIAL NO.: -	DATE INSPECTION: 20/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.00 A		
			I2 1.82 A		
			I3 1.99 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 401 V	
			S - N 229 V	S - T 400 V	
			T - N 230 V	T - R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96IA8902	STATION: DPK	LOCATION: [illegible] MNS
EQUIPMENT NO: SP-03	SERIAL NO.:	DATE INSPECTION: 20/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 1.45 A		
			I2 1.24 A		
			I3 1.4 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 227 V	R - S 401 V	
			S - N 229 V	S - T 400 V	
			T - N 229 V	T - R 401 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96146902	STATION: DPK	LOCATION: Washing Plant
EQUIPMENT NO: SP-A	SERIAL NO.: -	DATE INSPECTION: 28/2/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 1.1 A		
			I2 1.06 A		
			I3 1.11 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 399 V	
			S - N 227 V	S - T 401 V	
			T - N 228 V	T - R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96146902	STATION: DPK	LOCATION: Washing Plant
EQUIPMENT NO: SP-A	SERIAL NO.: -	DATE INSPECTION: 28/2/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.80 A		
			I2 2.85 A		
			I3 2.91 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229 V	R - S 401 V	
			S - N 229 V	S - T 401 V	
			T - N 228 V	T - R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. :	96LA8902	STATION :	DPK	LOCATION :	Washing Plant
EQUIPMENT NO :	SP-B	SERIAL NO. :	-	DATE INSPECTION :	20/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.91 A		
			I2 2.92 A		
			I3 2.98 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 228 V	R-S 401 V	
			S-N 229 V	S-T 400 V	
			T-N 229 V	T-R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. :	96LA8902	STATION :	DPK	LOCATION :	Airport Link MRT
EQUIPMENT NO :	DP-01	SERIAL NO. :	-	DATE INSPECTION :	18/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.98 A		
			I2 2.86 A		
			I3 2.9 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 229 V	R-S 401 V	
			S-N 228 V	S-T 401 V	
			T-N 229 V	T-R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96146902	STATION: DPK	LOCATION: ดาษดอกไม้ MNS	
EQUIPMENT NO.: DP-02	SERIAL NO.: -	DATE INSPECTION: 18/4/23	

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 2.99 A		
			I2 3.05 A		
			I3 2.99 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R-N 228 V	R-S 400 V	
			S-N 220 V	S-T 401 V	
			T-N 229 V	T-R 401 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark:

Consumables / Spare Part Used:

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96147000
Funct.Location: BES-SAN-RKH
Ramkhamhaeng Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1733
MNT. Call No.: 30
MNT. Item No.: 3023
MNT. Task Grp.: BES-SAN GC.: 28
Plan Date: 10.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ RKH

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
0010-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	110
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (min.) Travelling Time	Waiting Time	Working Time	Maintenance ID
0010	26/4/23	01 : 30	26/4/23	01 : 40	-	-	10	15
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	26/4/23	01 : 30	N	[redacted]	
End Working Time / Malfunction End** / FFO	26/4/23	01 : 40			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

SRTET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 961A7000	STATION: RKH		LOCATION: 6
EQUIPMENT NO: Drain tank	SERIAL NO.: -		DATE INSPECTION 26/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. : 96IA7000	STATION : RHH	LOCATION : G
EQUIPMENT NO : GRT - 01	SERIAL NO. : -	DATE INSPECTION : 26/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96IA7000	STATION : RHH	LOCATION : G
EQUIPMENT NO : GRT - 02	SERIAL NO. : -	DATE INSPECTION : 26/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96147000	STATION: RKH	LOCATION:
EQUIPMENT NO: Septic Tank	SERIAL NO.:	DATE INSPECTION 25/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96147073
Funct.Location: BES-SAN-HUM
Humark Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1691
MNT. Call No.: 29
MNT. Item No.: 2981
MNT. Task Grp.: BES-SAN GC.: 41
Plan Date: 17.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : PM@HUM (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@HUM (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	HUM-G-WWT-01	0	0.0	
30	Final checking and testing by	0	0.0	|||
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minutes)			Maintenance ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	24/04/23	15:00	24/04/23	15:20	-	-	20	111
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Land lord (Name)	Signature
Start Working Time	24/04/23	15:00	Y	[redacted]	
End Working Time / Malfunction End** / FFO	24/04/23	15:20			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

HUM SRTET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 96DX0023	STATION : HUM	LOCATION :
EQUIPMENT NO : WNT-01	SERIAL NO. : -	DATE INSPECTION : 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 ~ A		
			I2 ~ A		
			I3 ~ A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N ~ V	R - S ~ V	
			S - N ~ V	S - T ~ V	
			T - N ~ V	T - R ~ V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

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Consumables / Spare Part Used :

Measuring instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96147148 **Funct.Location:** BES-SAN-BTC Banthapchang Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):** _____	**MNT. Plan No.:** 1735 **MNT. Call No.:** 30 **MNT. Item No.:** 3025 **MNT. Task Grp.:** BES-SAN **GC.:** 28 **Plan Date:** 17.04.2023 **Basic Start Date:** 03.04.2023 **Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ BTC

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
10-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	111
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travelling Time	Waiting Time	Working Time	Maintainer ID
0010	24/04/23	14 : 30	24/04/23	14 : 55	-	-	25	111
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord name	Signature
Start Working Time	24/4/66	14 : 30	Y	[redacted]	
End Working Time / Malfunction End** / FFO	24/4/23	14 : 55			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessarily to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 96142148	STATION : BTC	LOCATION : Concourse
EQUIPMENT NO : Grease Trap	SERIAL NO. : -	DATE INSPECTION : 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 96142148	STATION : BTC	LOCATION : Ground
EQUIPMENT NO : Grease Trap	SERIAL NO. : -	DATE INSPECTION : 24/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96/24/248	STATION: BTC	LOCATION: Ground
EQUIPMENT NO: Septic Tank	SERIAL NO.: -	DATE INSPECTION 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96/24/248	STATION: BTC	LOCATION: Ground
EQUIPMENT NO: Drain Tank	SERIAL NO.: -	DATE INSPECTION 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96147157 **Funct.Location:** BES-SAN-TSS Traction Sub Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):**	**MNT. Plan No.:** 1694 **MNT. Call No.:** 37 **MNT. Item No.:** 2984 **MNT. Task Grp.:** BES-SAN **GC.:** 44 **Plan Date:** 17.04.2023 **Basic Start Date:** 03.04.2023 **Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : PM@TSS (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@TSS (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	TSS-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	098
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travelling Time	Waiting Time	Working Time	Maintainer ID
0010	15/4/23	12 : 50	15/4/23	13 : 20	-	-	30	098
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	15/4/23	12 : 30	N		[redacted]
End Working Time / Malfunction End** / FFO	15/4/23	13 : 20			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

Signature / Date	Signature / Date	Signature / Date	

W&W

WORK ORDER NO.: 96147167	STATION: TS3	LOCATION: Ground
EQUIPMENT NO: NWT-01	SERIAL NO.: -	DATE INSPECTION: 19/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....–.....A		
			I2 .....–.....A		
			I3 .....–.....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark:

Consumables / Spare Part Used:

Measuring instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96147170
Funct.Location: BES-SAN-LKB
Latkrabang Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1736
MNT. Call No.: 30
MNT. Item No.: 3026
MNT. Task Grp.: BES-SAN GC.: 28
Plan Date: 17.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ LKB

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
0010-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	098
0030-0010	WP or TP Required ( ) Yes ✓ No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Description No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travelling Time	Waiting Time	Working Time	Maintainer ID
0010	24/4/23	12 : 10	24/4/23	12 : 30	-	-	20	098
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Lead Sig. (Name)	Signature
Start Working Time	24/4/23	12 : 10	Y	[redacted]	
End Working Time / Malfunction End** / FFO	24/4/23	12 : 30			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text
Cause Code	**Cause Text**
Action Code	**Action Text**

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

WORK ORDER NO.: 9101122180	STATION: LTB		LOCATION: Ground
EQUIPMENT NO.: Drain Tank	SERIAL NO.: -		DATE INSPECTION 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96123180	STATION: LRB	LOCATION: Ground
EQUIPMENT NO: Septic Tank	SERIAL NO.: –	DATE INSPECTION 28/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96123180	STATION: LRB	LOCATION: Ground
EQUIPMENT NO: Grease Trap	SERIAL NO.: –	DATE INSPECTION: 28/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.: 96147270	STATION: LHB.	LOCATION: Concourse
EQUIPMENT NO: Grease Trap	SERIAL NO.: -	DATE INSPECTION: 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover (Grease trap)	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank (Grease trap)	Normal condition	☑ Normal	☐ Fault	
3	Check the filter tray of grease trap	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

4	Check all pipe, elbow and flexible pipe	Normal condition	☐ Normal	☐ Fault	
5	Check leakage of grease trap tank	Not leakage	☐ Normal	☐ Fault	
6	Check drain pipe	Not clogged	☐ Normal	☐ Fault	
7	Clean all equipment	Not dirty	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96147245
Funct.Location: BES-SAN-SVB
Suvarnabhumi Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1738
MNT. Call No.: 30
MNT. Item No.: 3028
MNT. Task Grp.: BES-SAN GC.: 28
Plan Date: 24.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : Water Drainage @ SVB

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	Water Drainage (M3)	0	0.0 MIN	
0010-0010	Sump pump	0	0.0	
0010-0020	Drain pupm	0	0.0	
0010-0030	Drain pit/tank	0	0.0	
0010-0040	Septic Tank	0	0.0	
0010-0050	Grease Trap	0	0.0	
0030	Final checking and testing by	0	0.0	098
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minute) Travelling Time	Waiting Time	Working Time	Maintenance ID
0010	22/4/23	11 00	22/4/23	12 00	-	-	60	098
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	22/4/23	11 : 00	Y	[redacted]	
End Working Time / Malfunction End** / FFO	22/4/23	12 : 00			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

SRTET

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO. : 46/49245	STATION : SVB		LOCATION : PF-EXP
EQUIPMENT NO : SS-P-01	SERIAL NO. : -		DATE INSPECTION : 22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 20.20 A		
			I2 20.30 A		
			I3 20.27 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 229 V	R - S. 398 V	
			S - N. 230 V	S - T. 400 V	
			T - N. 230 V	T - R. 399 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 46147245	STATION : SVB	LOCATION : PF - EXP	
EQUIPMENT NO : ESP - 02	SERIAL NO. : -	DATE INSPECTION : 22/4/23	

FREQUENCY CHECK: ☐ W ☐ 1M ☐ 2M ☑ 3M ☐ 6M ☐ 1Y

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			✓								

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 20.20 A		
			I2 21.20 A		
			I3 21.31 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 400 V	
			S - N 229 V	S - T 399 V	
			T - N 231 V	T - R 398 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. : 46147245	STATION : SVB	LOCATION : PF - CITY	
EQUIPMENT NO : SDP - 01	SERIAL NO. : -	DATE INSPECTION : 22/4/23	

FREQUENCY CHECK: ☐ W ☐ 1M ☐ 2M ☑ 3M ☐ 6M ☐ 1Y

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			✓								

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 75.6 A		
			I2 76.3 A		
			I3 74.6 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 399 V	
			S - N 229 V	S - T 400 V	
			T - N 231 V	T - R 399 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. :	41149245	STATION :	SVB	LOCATION :	PF-CITY
EQUIPMENT NO :	SDP-02	SERIAL NO. :	-	DATE INSPECTION :	22/9/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 74.0 A		
			I2 74.9 A		
			I3 73.5 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 230 V	R - S 399 V	
			S - N 229 V	S - T 400 V	
			T - N 231 V	T - R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. :	41149245	STATION :	SVB	LOCATION :	Ground
EQUIPMENT NO :	STD-01	SERIAL NO. :	-	DATE INSPECTION :	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 57.4 A		
			I2 57.2 A		
			I3 56.9 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229 V	R - S 399 V	
			S - N 230 V	S - T 398 V	
			T - N 230 V	T - R 400 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. :	96147245	STATION :	SVB	LOCATION :	Ground
EQUIPMENT NO :	STD-02	SERIAL NO. :	-	DATE INSPECTION :	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☐ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☐ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☐ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☐ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☐ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☐ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☐ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☐ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☐ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

อุปกรณ์ชำรุด อยู่ระหว่างดำเนินการแก้ไข

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. :	96147245	STATION :	SVB	LOCATION :	Ground
EQUIPMENT NO :	STD-03	SERIAL NO. :	-	DATE INSPECTION :	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☐ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☐ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☐ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☐ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☐ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☐ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☐ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☐ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☐ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....A		
			I2 .....A		
			I3 .....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....V	R - S.....V	
			S - N.....V	S - T.....V	
			T - N.....V	T - R.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

อุปกรณ์ชำรุด อยู่ระหว่างดำเนินการแก้ไข

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO. :	96149245	STATION :	SVB	LOCATION :	Ground
EQUIPMENT NO :	STD-04	SERIAL NO. :	-	DATE INSPECTION :	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 46.5 A		
			I2 45.9 A		
			I3 46.2 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229 V	R - S 399 V	
			S - N 230 V	S - T 400 V	
			T - N 231 V	T - R 399 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. :	96149245	STATION :	SVB	LOCATION :	Ground
EQUIPMENT NO :	STD-05	SERIAL NO. :	-	DATE INSPECTION :	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 45.6 A		
			I2 46.1 A		
			I3 45.7 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N 229 V	R - S 401 V	
			S - N 230 V	S - T 399 V	
			T - N 229 V	T - R 398 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. :	96/67245	STATION :	SVB	LOCATION :	Ground
EQUIPMENT NO :	STD-06	SERIAL NO. :	-	DATE INSPECTION :	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 45.5 A		
			I2 45.6 A		
			I3 45.9 A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N. 230 V	R - S. 399 V	
			S - N. 229 V	S - T. 398 V	
			T - N. 231 V	T - R. 399 V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO. :	96/67245	STATION :	SVB	LOCATION :	PF
EQUIPMENT NO :	DP-01	SERIAL NO. :	-	DATE INSPECTION	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y
CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN
	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring instrument

[redacted]

W&W

WORK ORDER NO.:	96147245	STATION:	SVB	LOCATION:	DF
EQUIPMENT NO:	DP-2	SERIAL NO.:	-	DATE INSPECTION	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.:	96147245	STATION:	SVB	LOCATION:	PF
EQUIPMENT NO:	DP-03	SERIAL NO.:	-	DATE INSPECTION	22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	~~APR~~	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

W&W

WORK ORDER NO.: 96147245	STATION: SUB	LOCATION: PF
EQUIPMENT NO: DP-04	SERIAL NO.: -	DATE INSPECTION 22/4/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the condition of tank cover	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of tank	Normal condition	☑ Normal	☐ Fault	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

3	Check leakage	Not leakage	☐ Normal	☐ Fault	
4	Check clogged	Not clogged	☐ Normal	☐ Fault	

Recommendations / Remark :

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96147260
Funct.Location: BES-SAN-LKB
Latkrabang Station
Equipment: N/A
Location: N/A
Mileage/Operation (hr):

MNT. Plan No.: 1693
MNT. Call No.: 29
MNT. Item No.: 2983
MNT. Task Grp.: BES-SAN GC.: 43
Plan Date: 24.04.2023
Basic Start Date: 03.04.2023
Basic End Date: 28.04.2023

1.WORK ORDER DESCRIPTION : PM@LKB (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@LKB (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	LKB-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	108
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS

W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start		Activity End		Activity Duration (minutes)			Maintainer ID
	Date	Time	Date	Time	Travelling Time	Waiting Time	Working Time	
0010	24/04/23	12 : 10	24/04/23	12 : 30	-	-	20	108
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord (Name)	Signature
Start Working Time	24/04/23	12 : 10	Y	[redacted]	
End Working Time / Malfunction End** / FFO	24/04/23	12 : 30			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

W&W

WORK ORDER NO.: 96124260	STATION: LAB		LOCATION: Ground
EQUIPMENT NO.: WWT -01	SERIAL NO.: —		DATE INSPECTION: 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....-.....A		
			I2 .....-.....A		
			I3 .....-.....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....-.....V	R - S.....-.....V	
			S - N.....-.....V	S - T.....-.....V	
			T - N.....-.....V	T - R.....-.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

ไม่มีเหตุขัดข้อง

Consumables / Spare Part Used :

Measuring Instrument

[redacted]

Preventive Maintenance BES M3

Work Order No.: 96147325 **Funct.Location:** BES-SAN-BTC Banthapchang Station **Equipment:** N/A **Location:** N/A **Mileage/Operation (hr):** _____	**MNT. Plan No.:** 1692 **MNT. Call No.:** 29 **MNT. Item No.:** 2982 **MNT. Task Grp.:** BES-SAN GC.: 42 **Plan Date:** 24.04.2023 **Basic Start Date:** 03.04.2023 **Basic End Date:** 28.04.2023

1.WORK ORDER DESCRIPTION : PM@BTC (Wast water treatment)

2.MAINTENANCE TASKS

Activity No.	Activity Description	Man	Duration	Object List
0010	PM@BTC (Wast water treatment) (M3)	0	0.0 MIN	
0010-0010	BTC-G-WWT-01	0	0.0	
0030	Final checking and testing by	0	0.0	108
0030-0010	WP or TP Required ( ) Yes (✓) No	0	0.0	

3.EXCHANGE EQUIPMENT / REPLACEABLE UNITS

SAP Mat. No.	SAP Material Description	Qty.	Equipment No. of installed unit	Equipment No. of removed unit.

SIEMENS W&W

4. MAINTENANCE TIME RECORDING* (For more activities, please continue page 4)

Operation No.	Activity Start Date	Activity Start Time	Activity End Date	Activity End Time	Activity Duration (minutes) Travelling Time	Waiting Time	Working Time	Maintainer ID
0010	24/4/23	14:30	24/4/23	14:55	-	-	25	108
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				
		:		:				

* Maintenance time must be recorded as actual time of an activity is carried out. For example, if there are two activities which are the same activity type but be intervened by the other activity type, two activities must be recorded individually. Do not add these two durations into one.

5. MALFUNCTION END CONFIRMATION (CORRECTIVE MAINTENANCE)

	Date	Time	Book on/off required (Y/N)	Confirmed by Landlord	Signature
Start Working Time	24/4/66	14:30	Y	[redacted]	
End Working Time / Malfunction End** / FFO	24/4/66	14:55			

**Malfunction End is whether time when the failure is cleared or disappear itself. Malfunction End time is not necessary to be the same as the time when maintenance activities finish. Y = Book on/off required , N = Book on/off not required

6. MAINTENANCE ACTION

Failure mnt. Code	Failure mnt. Text

Cause Code	Cause Text

Action Code	Action Text

7. REMARK (ADDITIONAL INFORMATION)

8. EFFECT ON OPERATION

☐	1-RestrictedSer.-Major Failure	☐	4-UnrestrictSer.-Major Failure
☐	2-RestrictedSer.-Minor Failure	☐	5-UnrestrictSer.-Minor Failure
☐	3-RestrictedSer.-No failure	☐	6-UnrestrictSer.-No Failure

9. SERVICE OR WARRANTY

☐	Repair
☐	Additional Service (Support)
☐	Warranty (DLP, Normal Warranty)

[redacted]

Form	Airport Rail Link Project
Work Order Confirmation Form	Effective Date: 15 JUN 2022
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W&W

WORK ORDER NO.: 96248325	STATION: BTC.	LOCATION: Ground
EQUIPMENT NO: WWT-01	SERIAL NO.: -	DATE INSPECTION: 24/04/23

FREQUENCY	☐ W	☐ 1M	☐ 2M	☑ 3M	☐ 6M	☐ 1Y

CHECK	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

DESCRIPTION OF MAINTENANCE EVERY 3 MONTH

NO.	Description	Standard	Result		Remark
1	Check the shaft cover of pump	Normal condition	☑ Normal	☐ Fault	
2	Check the condition of motor	Normal condition	☑ Normal	☐ Fault	
3	Check the connection of pump & motor	Normal condition	☑ Normal	☐ Fault	
4	Check the defect of pump and motor while it's running	Normal condition	☑ Normal	☐ Fault	
5	Check the defection of electrical part	Normal operation	☑ Normal	☐ Fault	
6	Check all equipment inside the cabinet control	Normal condition	☑ Normal	☐ Fault	
7	Check leakage of all valve and pipe	Not leakage	☑ Normal	☐ Fault	
8	Check the operation of floating valve	Normal condition	☑ Normal	☐ Fault	
9	Check the condition of all connector	Tight and not loose	☑ Normal	☐ Fault	
10	Measure and record running current of motor	Standard	I1 .....-.....A		
			I2 .....-.....A		
			I3 .....-.....A		
11	Measure and record supply voltage	220+10%(198-242V) 400+10%(360-440V)	R - N.....-.....V	R - S.....-.....V	
			S - N.....-.....V	S - T.....-.....V	
			T - N.....-.....V	T - R.....-.....V	

DESCRIPTION OF MAINTENANCE EVERY 1 YEAR

12	Check the vibration of equipment	Standard	☐ Normal	☐ Fault	
13	Check all the anchors	Tight and not loose	☐ Normal	☐ Fault	
14	Check and tighten terminal wiring	Tight and not loose	☐ Normal	☐ Fault	
15	Check and clean magnetic contactor	Normal condition	☐ Normal	☐ Fault	

Recommendations / Remark :

ไม่มีปัญหาใดๆ

Consumables / Spare Part Used :

Measuring Instrument

[redacted]