# ภาคผนวก ค

# เอกสารประกอบการปฏิบัติมาตรการฯ

# ภาคผนวก ค-1

# แผน PM และตัวอย่าง Check Sheet ที่เกี่ยวข้องกับการดูแลระบบสาธารณูปโภค และระบบสุขาภิบาล

บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
87/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
โทร/Tel. 089-895-3882 / Tankcleaner@hotmail.com
Tank Cleaner เลขประจำตัวผู้เสียภาษี 0115555008162

# งานล้างถังเก็บน้ำ

# โดยใช้ระบบฉีดน้ำแรงดันสูง

## ใบสั่งจ้าง เลขที่ BKKU58758

## **Hilton Sukhumvit Bangkok**

ดำเนินการเมื่อ

วันที่ 18 – 21 กรกฎาคม พ.ศ.2566

โดย

บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)

***Tank Cleaner***

บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
87/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
โทร/Tel. 089-895-3882 / Tankcleaner@hotmail.com
*Tank Cleaner* เลขประจำตัวผู้เสียภาษี 0115555008162

# งานล้างถังเก็บน้ำ

# โดยใช้ระบบฉีดน้ำแรงดันสูง

## ใบสั่งจ้าง เลขที่ BKKU58758

## **Hilton Sukhumvit Bangkok**

## ดำเนินการเมื่อ

## วันที่ 18 – 21 กรกฎาคม พ.ศ.2566

## โดย

## บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)

***Tank Cleaner***

บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
87/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
โทร/Tel. 089-895-3882 / Tankcleaner@hotmail.com
Tank Cleaner เลขประจำตัวผู้เสียภาษี 0115555008162

# วันที่และดำเนินการการล้างถัง

| วันที่ | บริเวณ | ช่วงเวลาปฏิบัติงาน |
|---|---|---|
| 18 กรกฎาคม 2566 | ถังเก็บน้ำดี บริเวณใต้ดิน #ถัง 1 | 09.00 – 17.00 น. |
| 19 กรกฎาคม 2566 | ถังเก็บน้ำดี บริเวณใต้ดิน #ถัง 2 | 09.00 – 17.00 น. |
| 20 กรกฎาคม 2566 | ถังเก็บน้ำดี บริเวณดาดฟ้า #ถัง 1 | 09.00 – 17.00 น. |
| 21 กรกฎาคม 2566 | ถังเก็บน้ำดี บริเวณดาดฟ้า #ถัง 2 | 09.00 – 17.00 น. |
| 8 สิงหาคม 2566 | FIRE TANK คอนกรีต #1 | 09.00 – 17.00 น. |
| 9 สิงหาคม 2566 | FIRE TANK คอนกรีต #2 | 09.00 – 17.00 น. |
| 10 สิงหาคม 2566 | Surge Tank คอนกรีต ชั้น25 | 09.00 – 17.00 น. |

บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
87/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
โทร/Tel. 089-895-3882 / Tankcleaner@hotmail.com
Tank Cleaner เลขประจำตัวผู้เสียภาษี 0115555008162

# ขั้นตอนการล้างถังเก็บน้ำ

- ติดตั้งแผงกระจายไฟฟ้า บริเวณปากถังเก็บน้ำดี
- สูบน้ำที่เหลือลงรางระบายน้ำ ด้วยปั๊มจุ่ม
- วัดค่ากรด-ด่างของน้ำในถัง (ก่อนล้าง)
- ติดตั้งพัดลมระบายอากาศ
- ตรวจวัดค่าอากาศ ภายในถัง
- ล้างภายในถังเก็บน้ำดีด้วยการฉีดล้างโดยเครื่องฉีดน้ำแรงดันสูง
- สเปรย์น้ำยาฆ่าเชื้อโรค KEEEN Germ Killer
- ล้างสิ่งสกปรกและดูดออกด้วยเครื่องดูดฝุ่นดูดน้ำ
- ตรวจความสะอาดภายในถังเก็บน้ำดี
- ส่งมอบงาน
- เปิดน้ำประปาเข้าถัง และวัดค่ากรด-ด่างของน้ำ
- จัดเก็บเครื่องมือ-อุปกรณ์และตรวจความเรียบร้อย

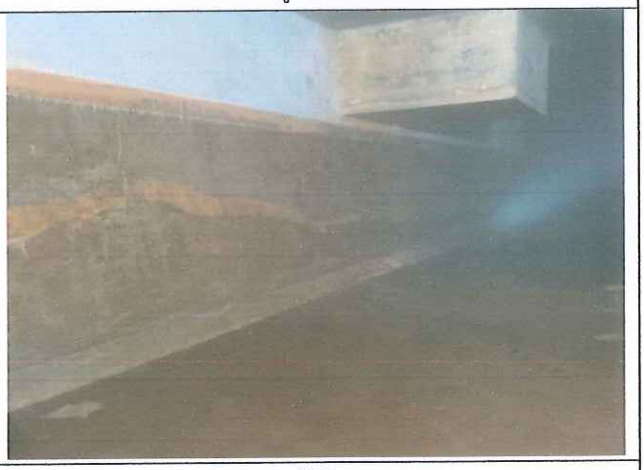
Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 1 ก่อนล้างและหลังล้าง

| | |
|---|---|
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>สภาพภายในบ่อเก็บน้ำ |
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>สภาพภายในบ่อเก็บน้ำ |
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>สภาพภายในบ่อเก็บน้ำ |

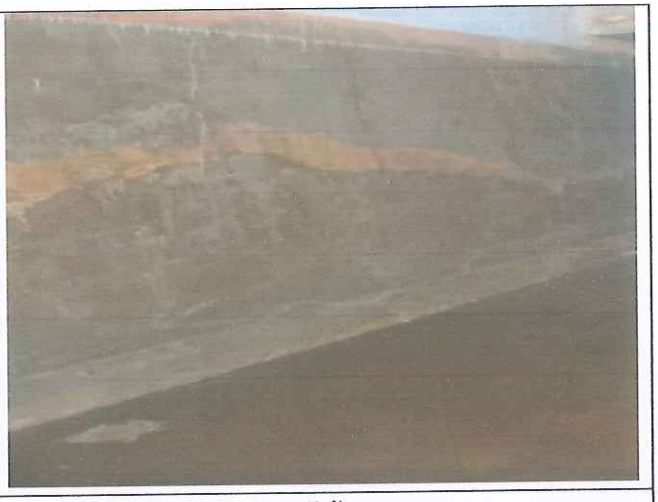
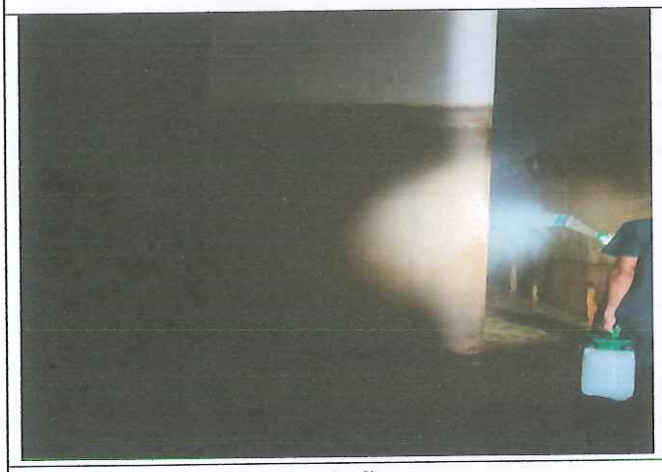
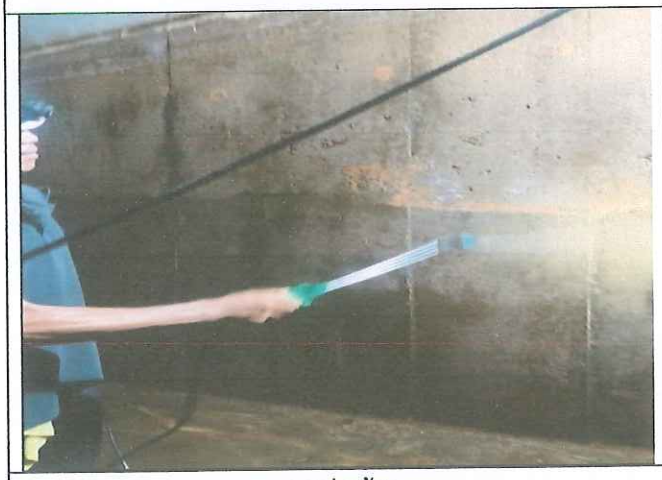
Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

# ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 1 ระหว่างและหลังล้าง

| | |
|---|---|
|  |  |
| ระหว่างล้าง<br>ฉีดล้างและดูดตะกอน | หลังล้าง<br>ฉีดล้างและดูดตะกอน |
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด |
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด |

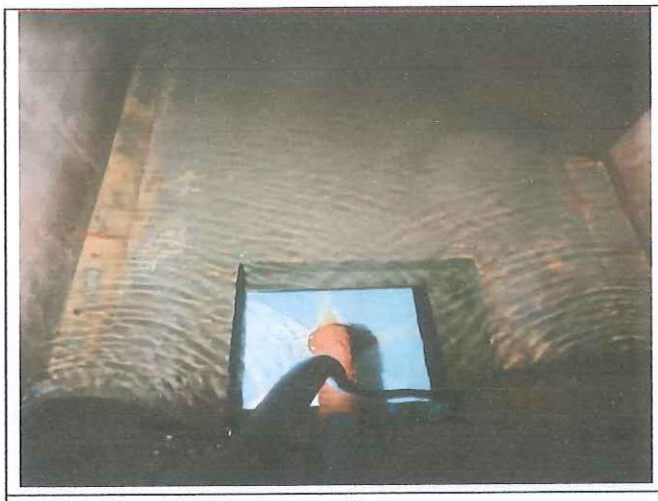
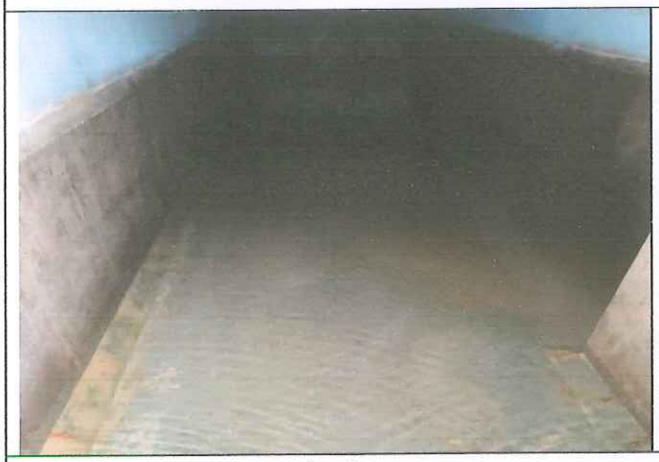
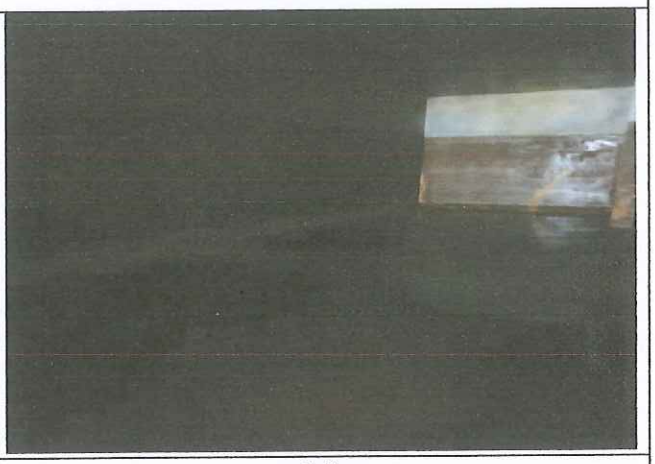
Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 1 ระหว่างและหลังล้าง

| | |
|---|---|
|  |  |
| ระหว่างล้าง<br>สเปรย์น้ำยาทาความสะอาด | หลังล้าง<br>สเปรย์น้ำยาทาความสะอาด |
|  |  |
| ระหว่างล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค | หลังล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค |
|  |  |
| ระหว่างล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค | หลังล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค |

Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 2 ก่อนล้างและหลังล้าง

| | |
|---|---|
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>สภาพภายในบ่อเก็บน้ำ |
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>สภาพภายในบ่อเก็บน้ำ |
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>สภาพภายในบ่อเก็บน้ำ |

Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 2 ระหว่างและหลังล้าง

| | |
|---|---|
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด |
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด |
|  |  |
| ระหว่างล้าง<br>สเปรย์น้ำยาทาความสะอาด | หลังล้าง<br>สเปรย์น้ำยาทาความสะอาด |

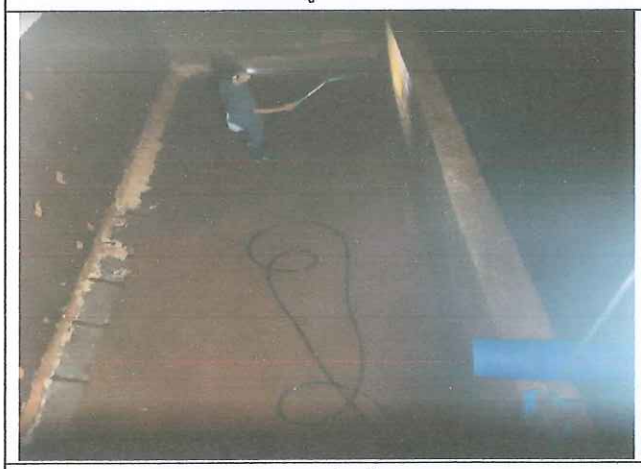
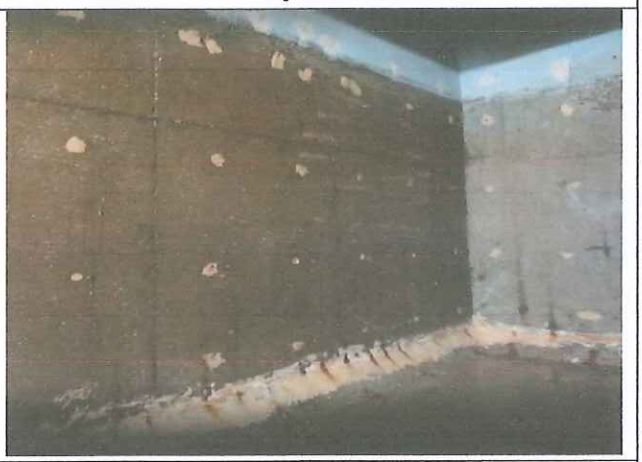
Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 2 ระหว่างและหลังล้าง

| | |
|---|---|
|  |  |
| ระหว่างล้าง<br>สเปรย์น้ำยาทาความสะอาด | หลังล้าง<br>สเปรย์น้ำยาทาความสะอาด |
|  |  |
| ระหว่างล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค | หลังล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค |
|  |  |
| ระหว่างล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค | หลังล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค |

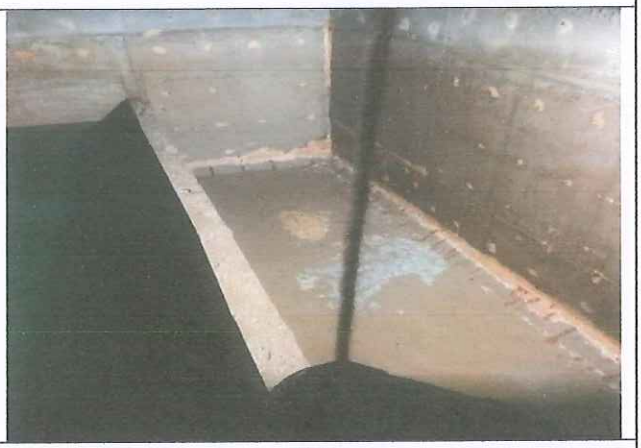
Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณดาดฟ้า ถัง 1 ระหว่างและหลังล้าง

| | |
|---|---|
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>ฉีดน้ำยาทำความสะอาด |
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด |
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด |

Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณดาดฟ้า ถัง 2 ก่อนและหลังล้าง

| | |
|---|---|
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>สภาพภายในบ่อเก็บน้ำ |
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>สภาพภายในบ่อเก็บน้ำ |
|  |  |
| ก่อนล้าง<br>สภาพภายในบ่อเก็บน้ำ | หลังล้าง<br>ฉีดล้างภายในบ่อเก็บน้ำ |

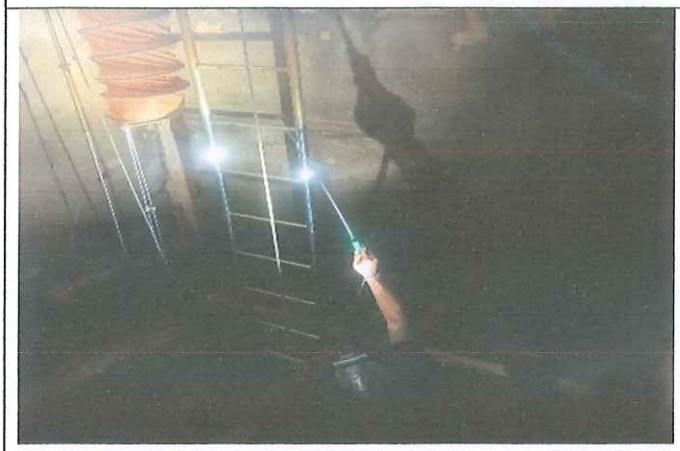
Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณดาดฟ้า ถัง 2 ระหว่างและหลังล้าง

| | |
|---|---|
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด ไล่ตะกอน | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด ไล่ตะกอน |
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด |
|  |  |
| ระหว่างล้าง<br>น้ำแรงดันสูงทำความสะอาด | หลังล้าง<br>น้ำแรงดันสูงทำความสะอาด |

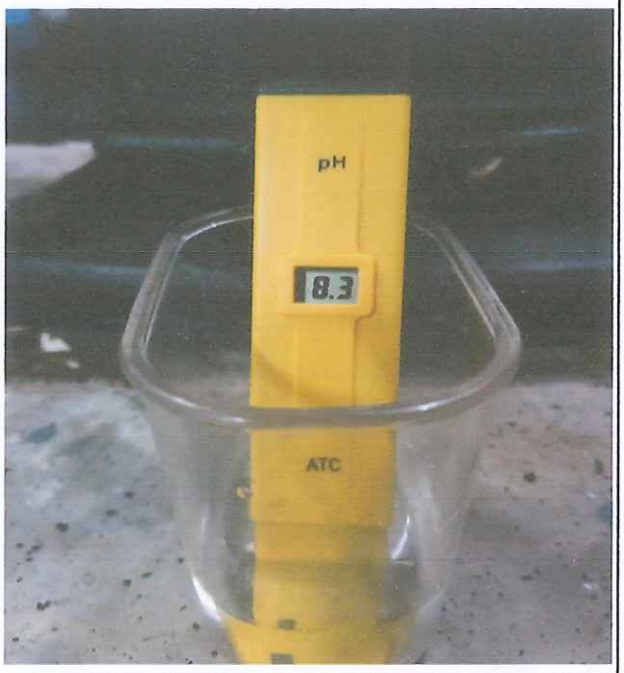
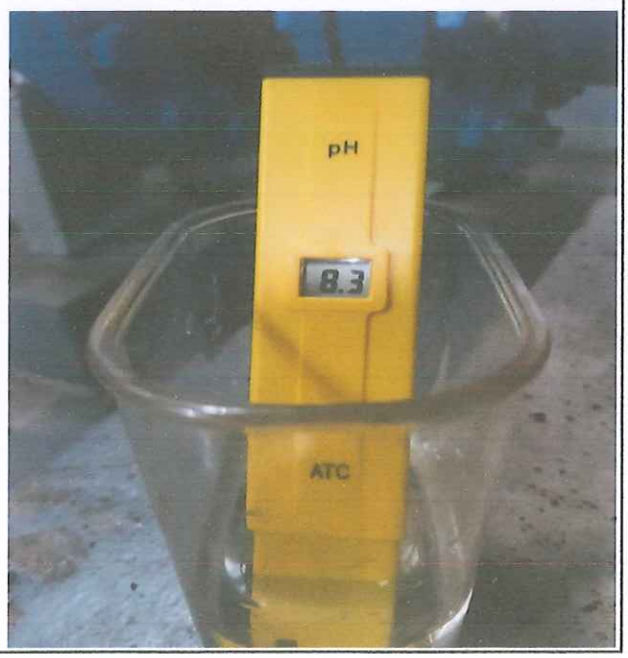
Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

ถังเก็บน้ำดี บริเวณดาดฟ้า ถัง 2 ระหว่างและหลังล้าง

| | |
|---|---|
|  |  |
| ระหว่างล้าง<br>สเปรย์น้ำยาทาความสะอาด | หลังล้าง<br>สเปรย์น้ำยาทาความสะอาด |
|  |  |
| ระหว่างล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค | หลังล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค |
|  |  |
| ระหว่างล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค | หลังล้าง<br>ฉีดน้ำยาฆ่าเชื้อโรค |

Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

# ผลการตรวจวัดค่ากรด-ด่าง
## ถังเก็บน้ำดี บริเวณใต้ดิน

| ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 1 ก่อนล้าง | ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 1 หลังล้าง |
|---|---|
|  |  |
| ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 2 ก่อนล้าง | ถังเก็บน้ำดี บริเวณใต้ดิน ถัง 2 หลังล้าง |
|  |  |

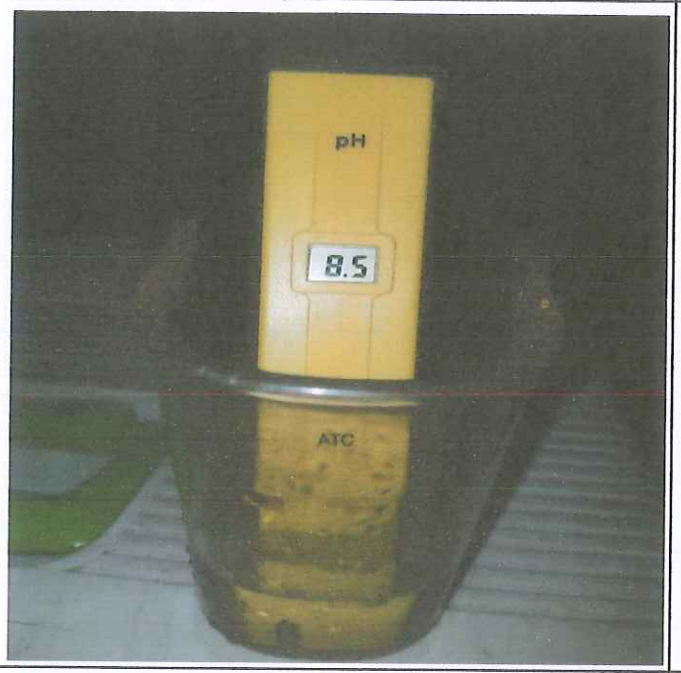
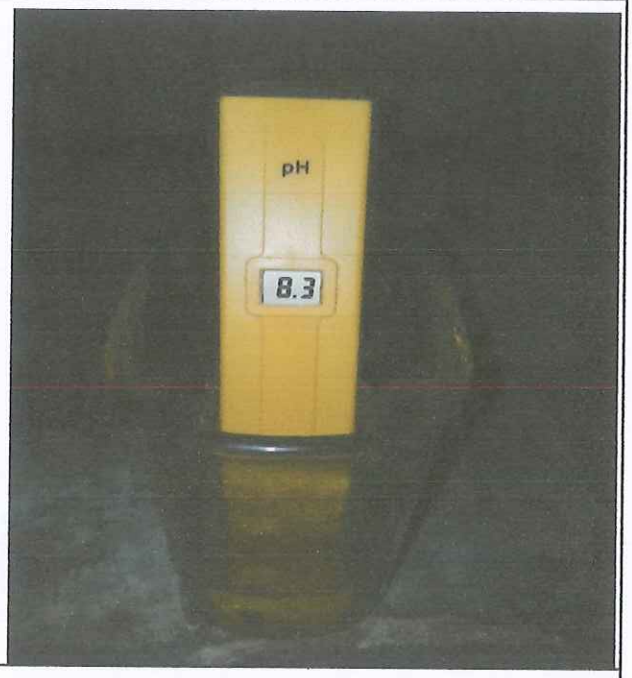
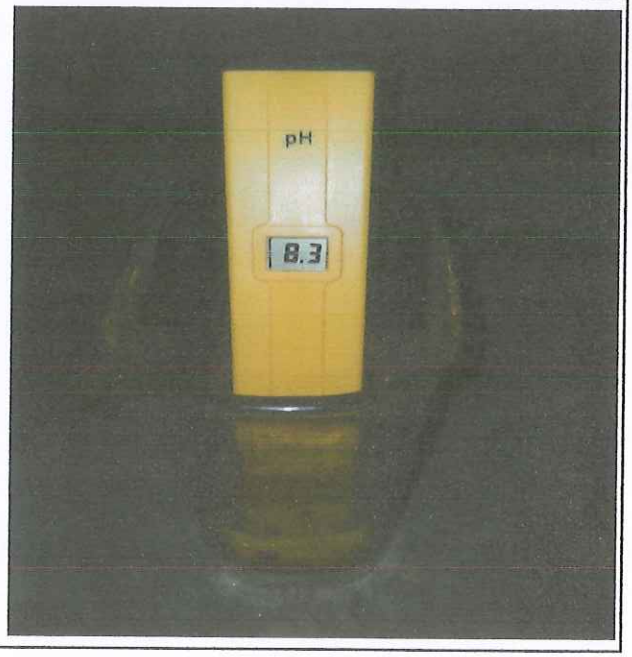





หมายเหตุ : ค่าความเป็นกรด ด่างระบุในมาตรฐานคุณภาพน้ำประปาของการประปานครหลวง (ตามข้อแนะนาขององค์การอนามัยโลก ปี 2011) คือ ระหว่าง 6.5 8.5

Tank Cleaner
บริษัท อี-รีเวอร์สซินเนอร์ยี่ จำกัด (สำนักงานใหญ่)
81/57 หมู่ 6 ตำบลบึงคำพร้อย อำเภอลำลูกกา จังหวัดปทุมธานี 12150
Tel. : 089-895-3882 E-Mail : tankcleaner@hotmail.com
เลขประจำตัวผู้เสียภาษี : 0115555008162

# ผลการตรวจวัดค่ากรด-ด่าง
## ถังเก็บน้ำดี บริเวณดาดฟ้า

| ถังเก็บน้ำดี บริเวณดาดฟ้า ถัง 1 ก่อนล้าง | ถังเก็บน้ำดี บริเวณดาดฟ้า ถัง 1 หลังล้าง |
|---|---|
|  |  |
| ถังเก็บน้ำดี บริเวณดาดฟ้า ถัง 2 ก่อนล้าง | ถังเก็บน้ำดี บริเวณดาดฟ้า ถัง 2 หลังล้าง |
|  |  |






หมายเหตุ : ค่าความเป็นกรด ด่างระบุในมาตรฐานคุณภาพน้ำประปาของการประปานครหลวง (ตามข้อแนะนาขององค์การอนามัยโลก ปี 2011) คือ ระหว่าง 6.5 8.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 30 / 11 / 23

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 1096.528 On Peak 4393.344 Off Peak 6923.184 Peak Demand 0.808

Water Summary 78048.97 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 400 | 397 | |
| | Amp | | 513 | 480 | 462 | |
| | Power Factor | | 0.94 | 0.94 | 0.95 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 399 | 399 | |
| | Amp | | 464 | 492 | 421 | |
| | Power Factor | | 0.99 | 0.99 | 0.97 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | Cooling tower (V RUN ) | No.1/1 | ✓ | ✓ | ✓ | |
| | | No.1/2 | ✓ | ✓ | ✓ | |
| | | No.2/1 | - | ✓ | - | |
| | | No.2/2 | - | - | - | |
| | | No.3/1 | ✓ | ✓ | ✓ | |
| | | No.3/2 | ✓ | ✓ | ✓ | |
| | CDP (V RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | PCHP (V RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | ✓ | ✓ | - | |
| | | No.3 | ✓ | ✓ | ✓ | |
| | SCHP (V RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (54 °C) | No.1 (°C) IN - OUT | - / 55 | - / 55 | - / 55 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 54 | 50 / 54 | 52 / 54 | Auto ☑ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 55 | 50 / 55 | 53 / 55 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 52 | 50 / 52 | 100 / 52 | |
| | | Tank 2 Psi / (°C) | 50 / 52 | 50 / 52 | 100 / 52 | |
| | Return pump Floor 20 | Pressure IN / OUT | | - / 120 | | No 09 (Auto) ✓ (off) ☐ |
| | | Pressure IN / OUT | | 60 / 120 | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | 90 / 150 | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 02 (Auto) ☐ (off) ✓ Floor 11th. |
| | Return pump Floor 9 | Pressure IN / OUT | | 90 / 150 | | No 03 (Auto) ✓ (off) ☐ |
| | | Pressure IN / OUT | | 90 / 140 | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | - / - | | No 07 (Auto) ☐ (off) ✓ ชั้นลอย |
| | | Pressure IN / OUT | | - / 150 | | No 08 (Auto) ✓ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | - / - | | No 15 (Auto) ☐ (off) ✓ ห้อง2 |
| | | Pressure IN / OUT | | 60 / 150 | | No 16 (Auto) ✓ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | - / - | | No 13 (Auto) ☐ (off) ✓ Floor G. |
| | | Pressure IN / OUT | | - / - | | No 14 (Auto) ☐ (off) ✓ |
| | Return pump Floor B3 | Pressure IN / OUT | | - / - | | No 11 (Auto) ☐ (off) ✓ |
| | | Pressure IN / OUT | | - / - | | No 12 (Auto) ☐ (off) ✓ Floor B3 |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Booster pump 25 | No.1 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.2 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.3 (V Auto ) | ✓ | ✓ | ✓ | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 4521 | Auto | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Spare | Spare | Spare | |
| | Pressure Out | 20-22 PSI. | 22 | 22 | 20 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | ✓ | ✓ | OFF | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | ✓ | ✓ | - | |
| | | No.2 (V RUN ) | ✓ | ✓ | ✓ | |
| | Filter Pump | No.1 (Clean V ) | ✓ | ✓ | - | |
| | | No.2 (Clean V ) | ✓ | ✓ | ✓ | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | ✓ | ✓ | ✓ | |
| | | No.2 (V RUN ) | ✓ | ✓ | - | |
| | Jacuzzi | (V RUN ) | ✓ | ✓ | - | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.9 / 7.6 | | 1.6 / 7.2 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | Normal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 29 / 11 / 23

Electric Summary — Code.10 — Code.11 Kwh sum 11083.436 — Code.12 On Peak 4365.608 Off Peak 6717.532 — Code.31 Peak Demand 0.808

Water Summary 77876,73

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 400 | 400 | |
| | Amp | | 427 | 473 | 368 | |
| | Power Factor | | 0.96 | 0.96 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 399 | 400 | |
| | Amp | | 438 | 410 | 403 | |
| | Power Factor | | 0.96 | 0.96 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| | Cooling tower (V RUN ) | No.1/1 | ✓ | ✓ | ✓ | |
| | | No.1/2 | ✓ | ✓ | ✓ | |
| | | No.2/1 | – | – | – | |
| | | No.2/2 | – | – | ✓ | |
| | | No.3/1 | ✓ | ✓ | ✓ | |
| | | No.3/2 | ✓ | ✓ | ✓ | |
| | CDP (V RUN ) | No.1 | – | – | ✓ | |
| | | No.2 | – | – | – | |
| | | No.3 | ✓ | ✓ | ✓ | |
| | PCHP (V RUN ) | No.1 | ✓ | ✓ | – | |
| | | No.2 | ✓ | ✓ | ✓ | |
| | | No.3 | – | – | ✓ | |
| | SCHP (V RUN ) | No.1 | – | – | ✓ | |
| | | No.2 | ✓ | ✓ | – | |
| | | No.3 | – | – | – | |
| Hot water System | Heat Pump Setpoint (54 °C) | No.1 (°C) IN - OUT | – / 55 | – / 55 | – / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 55 | 52 / 55 | 50 / 54 | Auto ☑ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | – / – | – / – | – / | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 55 | 50 / 55 | 50 / 50 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 55 / 54 | 50,57 | 50 / 53 | |
| | | Tank 2 Psi / (°C) | 50 / 53 | 00 / 53 | 50 / 53 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³). (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.2 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.3 (V Auto ) | ✓ | ✓ | ✓ | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 294 | 294 | 290 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Spare | Spare | Spare | |
| | Pressure Out | 20-22 PSI. | 22 | 21 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | ✓ | ✓ | ✓ | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | ✓ | ✓ | ✓ | |
| | | No.2 (V RUN ) | ✓ | ✓ | ✓ | |
| | Filter Pump | No.1 (Clean V ) | ✓ | ✓ | ✓ | |
| | | No.2 (Clean V ) | ✓ | ✓ | ✓ | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | ✓ | ✓ | ✓ | |
| | | No.2 (V RUN ) | ✓ | ✓ | ✓ | |
| | Jacuzzi | (V RUN ) | ✓ | ✓ | ✓ | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 7.6 | | 1.5 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | Normal | Normal | Normal | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

| | | |
|---|---|---|
| | | P/SP. |
| (for) | | |

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 9/ 11/ 23

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 10069.9 On Peak 9357.764 Off Peak 6712.188 Peak Demand 0.808

Water Summary 7769.71 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 400 | 400 | |
| | Amp | | 433 | 414 | 420 | |
| | Power Factor | | 096 | 094 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 400 | 400 | |
| | Amp | | 498 | 408 | 395 | |
| | Power Factor | | 096 | 094 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT B-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Mo | Mo | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | - | - | V | |
| | | No.2 | - | - | V | |
| | | No.3 | / | / | - | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | V | |
| | | No.1/2 | / | / | V | |
| | | No.2/1 | - | - | V | |
| | | No.2/2 | - | - | V | |
| | | No.3/1 | / | / | - | |
| | | No.3/2 | / | / | - | |
| | CDP (V RUN ) | No.1 | - | - | V | |
| | | No.2 | - | - | V | |
| | | No.3 | / | / | - | |
| | PCHP (V RUN ) | No.1 | / | / | V | |
| | | No.2 | / | / | V | |
| | | No.3 | - | - | V | |
| | SCHP (V RUN ) | No.1 | - | - | V | |
| | | No.2 | / | / | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (50 °C) | No.1 (°C) IN - OUT | - / 55 | - / 55 | - / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 50 | 50 / 54 | 50 / 54 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | - / 50 | - / 50 | - / 50 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 53 | 50 / 53 | 50 / 54 | |
| | | Tank 2 Psi / (°C) | 50 / 53 | 50 / 53 | 50 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | 60 / 100 | | No 09 (Auto) ☑ (off) ☐ |
| | | Pressure IN / OUT | | - / 100 | | No 10 (Auto) ☑ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | 50 / 60 | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | 80 / 130 | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | 60 / 100 | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | [illegible] | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | 40 / 140 | | No 08 (Auto) ☑ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | - / - | | No 15 (Auto) ☑ (off) ☐ |
| | | Pressure IN / OUT | | 40 / 60 | | No 16 (Auto) ☑ (off) ☑ |
| | Return pump Floor G | Pressure IN / OUT | | - / - | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | - / - | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | V | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | V | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | V | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | V | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | V | Low ☐ Medime ☐ Hi ☑ |
| | Booster pump 25 | No.1 (V Auto ) | / | / | V | |
| | | No.2 (V Auto ) | / | / | V | |
| | | No.3 (V Auto ) | / | / | V | |
| | Cold water pump B.5 | Auto/Off/Manual | / | / | V | |
| Fire Pump | Engine | Auto/Off/Manual | Au | Au | Auto | |
| | | Pressure 270-290 Psi | 290 | 290 | 290 | |
| Joggy pump | Electrical | Auto/Off/Manual | Au | Au | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Emty | Emty | Spare | |
| | Pressure Out | 20-22 PSI. | 21 | 22 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | X | X | X | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | V | |
| | | No.2 (V RUN ) | X | X | X | |
| | Filter Pump | No.1 (Clean V ) | / | / | V | |
| | | No.2 (Clean V ) | X | X | X | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | V | |
| | | No.2 (V RUN ) | / | / | V | |
| | Jacuzzi | (V RUN ) | / | / | V | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.5 / 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | normal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 27/11/23

Electric Summary — Code.10 — Code.11 Kwh sum 11055.108 — Code.12 On Peak 4749.208 — Code.31 Off Peak 6305.904 — Peak Demand 808

Water Summary 174494.51 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 400 | 400 | |
| | Amp | | 486 | 478 | 460 | |
| | Power Factor | | 0.95 | 0.95 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 399 | 400 | |
| | Amp | | 494 | 497 | 458 | |
| | Power Factor | | 0.93 | 0.93 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT B-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | NO | NO | AUTO | |
| Chiller System | Chiller No.(V RUN ) | No.1 | – | – | – | |
| | | No.2 | – | – | – | |
| | | No.3 | ✓ | ✓ | ✓ | |
| | Cooling tower (V RUN ) | No.1/1 | ✓ | ✓ | ✓ | |
| | | No.1/2 | ✓ | ✓ | ✓ | |
| | | No.2/1 | – | – | – | |
| | | No.2/2 | – | – | – | |
| | | No.3/1 | ✓ | ✓ | ✓ | |
| | | No.3/2 | ✓ | ✓ | ✓ | |
| | CDP (V RUN ) | No.1 | – | – | – | |
| | | No.2 | – | – | – | |
| | | No.3 | ✓ | ✓ | ✓ | |
| | PCHP (V RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | ✓ | ✓ | ✓ | |
| | | No.3 | – | – | – | |
| | SCHP (V RUN ) | No.1 | – | – | – | |
| | | No.2 | ✓ | ✓ | ✓ | |
| | | No.3 | – | – | – | |
| Hot water System | Heat Pump Setpoint (55 °C) | No.1 (°C) IN - OUT | – / 56 | – / 55 | – / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 90 / 90 | 50 / 52 | 50 / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | – / – | – / – | – / – | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 90 / 53 | 50 / 90 | 50 / 54 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 40 / 53 | 40 / 93 | 40 / 53 | |
| | | Tank 2 Psi / (°C) | 40 / 93 | 40 / 93 | 40 / 53 | |
| | Return pump Floor 20 | Pressure IN / OUT | | 56 / 100 | | No 09 (Auto) ✓ (off) ☐ |
| | | Pressure IN / OUT | | 80 / 100 | | No 10 (Auto) ✓ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | 96 / 110 | | No 01 (Auto) ✓ (off) ☐ |
| | | Pressure IN / OUT | | 70 / 100 | | No 02 (Auto) ✓ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | 96 / 116 | | No 03 (Auto) ✓ (off) ☐ |
| | | Pressure IN / OUT | | 80 / 100 | | No 04 (Auto) ✓ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | – / – | | No 07 (Auto) ☐ (off) ✓ |
| | | Pressure IN / OUT | | 50 / 140 | | No 08 (Auto) ✓ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | – / – | | No 15 (Auto) ☐ (off) ✓ |
| | | Pressure IN / OUT | | 40 / 150 | | No 16 (Auto) ✓ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | – / – | | No 13 (Auto) ☐ (off) ✓ |
| | | Pressure IN / OUT | | – / – | | No 14 (Auto) ☐ (off) ✓ |
| | Return pump Floor B3 | Pressure IN / OUT | | – / – | | No 11 (Auto) ☐ (off) ✓ |
| | | Pressure IN / OUT | | – / – | | No 12 (Auto) ☐ (off) ✓ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 2S | No.1 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.2 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.3 (V Auto ) | ✓ | ✓ | ✓ | |
| | Cold water pump B.S | Auto/Off/Manual | AUTO | AUTO | AUTO | |
| Fire Pump | Engine | Auto/Off/Manual | AUTO | AUTO | AUTO | |
| | | Pressure 270-290 Psi | 290 | 290 | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | AUTO | AUTO | AUTO | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | AUTO | AUTO | AUTO | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | USE | USE | USE | |
| | | No.2 (B) Use/Emtry/Spare | Emtry | Emtry | Emtry | |
| | Pressure Out | 20-22 PSI. | 96 | 22 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | – | – | – | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | ✓ | ✓ | ✓ | |
| | | No.2 (V RUN ) | ✗ | ✗ | ✗ | rotor broken |
| | Filter Pump | No.1 (Clean V ) | ✓ | ✓ | ✓ | |
| | | No.2 (Clean V ) | ✗ | ✗ | ✗ | rotor broken |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | ✓ | ✓ | ✗ | |
| | | No.2 (V RUN ) | ✓ | ✓ | ✓ | overload |
| | Jacuzzi | (V RUN ) | ✓ | ✓ | ✓ | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.4 | | 1.5 / 7.4 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | normal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 26/11/23

Electric Summary — Code.10 — Code.11 Kwh sum. 11040.560 — Code.12 On Peak 4349.208 — Code.31 Off Peak 6691.356 — Peak Demand 808

Water Summary 77292.68 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 398 | 403 | 397 | |
| | Amp | | 476 | 479 | 669 | |
| | Power Factor | | 0.96 | 0.96 | 0.96 | |
| MDB 2 | Volage | (380-400Volt) | 394 | 399 | 400 | |
| | Amp | | 480 | 483 | 484 | |
| | Power Factor | | 0.96 | 0.96 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | - | - | - | |
| | | No.2 | - | - | - | |
| | | No.3 | | | | |
| | Cooling tower (V RUN ) | No.1/1 | | | | |
| | | No.1/2 | | | | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | - | - | |
| | | No.3/1 | | | | |
| | | No.3/2 | | | | |
| | CDP (V RUN ) | No.1 | - | - | - | |
| | | No.2 | - | - | - | |
| | | No.3 | | | | |
| | PCHP (V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | - | - | - | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | 50 / 54 | 50 / 54 | - / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 53 / 54 | 54 / 54 | 55 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 54 | 50 / 54 | 50 / 56 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 60 / 60 | 50 / 50 | 60 / 57 | |
| | | Tank 2 Psi / (°C) | 60 / 60 | 50 / 54 | 60 / 57 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | | | | |
| | | No.2 (V Auto ) | | | | |
| | | No.3 (V Auto ) | | | | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 270 | 270 | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Empty | Empty | Empty | |
| | Pressure Out | 20-22 PSI. | 20 | 20 | 20 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | Off | Off | Off | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | | | - | |
| | | No.2 (V RUN ) | X | X | X | |
| | Filter Pump | No.1 (Clean V ) | | | - | |
| | | No.2 (Clean V ) | X | X | X | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | | | X | |
| | | No.2 (V RUN ) | X | X | - | |
| | Jacuzzi | (V RUN ) | | | - | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.5 / 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 20/11/23

Electric Summary — Code.10 — Code.11 Kwh sum 10227.632 — Code.12 On Peak 4349.208 — Off Peak 6678.424 — Code.31 Peak Demand 0.808

Water Summary 17089.82 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 399 | 403 | 397 | |
| | Amp | | 1986 | 485 | 416 | |
| | Power Factor | | 0.96 | 0.94 | 0.95 | |
| MDB 2 | Volage | (380-400Volt) | 398 | 400 | 000 | |
| | Amp | | 120 | 480 | 0000 | |
| | Power Factor | | 0.95 | 0.97 | 0.96 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT B-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto. | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| | Cooling tower (V RUN ) | No.1/1 | | | | |
| | | No.1/2 | | | | |
| | | No.2/1 | | | | |
| | | No.2/2 | | | | |
| | | No.3/1 | | | | |
| | | No.3/2 | | | | |
| | CDP (V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| | PCHP (V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| | SCHP (V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | 60 / 54 | 50 / 54 | 54 / 56 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 60 / 54 | 50 / 54 | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 60 / 60 | 50 / 54 | 55 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 60 / 60 | 50 / 54 | 60 / 52 | |
| | | Tank 2 Psi / (°C) | 60 / 55 | 50 / 55 | 60 / 52 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | | | | |
| | | No.2 (V Auto ) | | | | |
| | | No.3 (V Auto ) | | | | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | RUN | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 276 | 271 | 279 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Emtry | Emtry | Emtry | |
| | Pressure Out | 20-22 PSI. | 24 | 24 | 24 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | OFF | OFF | OFF | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | | | | |
| | | No.2 (V RUN ) | X | X | X | |
| | Filter Pump | No.1 (Clean V ) | | | | |
| | | No.2 (Clean V ) | X | X | X | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | | | | |
| | | No.2 (V RUN ) | X | X | | |
| | Jacuzzi | (V RUN ) | | | | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 7.6 | | 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 24/11/66

Electric Summary — Code.10 — Code.11 Kwh sum 1014.400 — Code.12 On Peak 4349.460 — Code.31 Off Peak 6672.940 — Peak Demand 0.808

Water Summary 76920.36

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 396 | 400 | |
| | Amp | | 476 | 462 | 492 | |
| | Power Factor | | 0.93 | 0.94 | 0.95 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 399 | 400 | |
| | Amp | | 439 | 1049 | 414 | |
| | Power Factor | | 0.94 | 0.94 | 0.94 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | - | - | - | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | - | / | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (V RUN ) | No.1 | - | - | - | |
| | | No.2 | - | - | / | |
| | | No.3 | / | / | / | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | - | - | - | |
| | | No.2 | / | / | / | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | - / 56 | - / 58 | - / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 51 / 56 | 54 / 56 | 50 / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☑ |
| | | No.4 (°C) IN - OUT | - / 55 | 54 / 55 | 50 / 54 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 53 | 49 / 53 | 50 / 54 | |
| | | Tank 2 Psi / (°C) | 50 / 53 | 60 / 53 | 50 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | - | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 274 | 270 | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | X | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | use | Use | |
| | Pressure Out | 20-22 PSI. | 24 | 24 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | X | Off | X | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | X | |
| | | No.2 (V RUN ) | X | X | X | |
| | Filter Pump | No.1 (Clean V ) | / | / | / | |
| | | No.2 (Clean V ) | X | X | X | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | X | X | X | |
| | | No.2 (V RUN ) | | / | / | |
| | Jacuzzi | (V RUN ) | / | / | / | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.1 | | 1.4 / 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | Normal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 23/11/23

Electric Summary — Code.10 — Code.11 Kwh sum 10000.160 — Code.12 On Peak 4333.380 Off Peak 6666.780 — Code.31 Peak Demand 0.808

Water Summary 76713.50 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 394 | 394 | 400 | |
| | Amp | | 476 | 403 | 484 | |
| | Power Factor | | 093 | 0.94 | 0.93 | |
| MDB 2 | Volage | (380-400Volt) | 408 | 401 | 400 | |
| | Amp | | 459 | 476 | 372 | |
| | Power Factor | | 093 | 0.95 | 0.94 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | NO | Auto | AUTO | |
| Chiller System | Chiller No.(V RUN ) | No.1 | — | — | — | |
| | | No.2 | / | / | / | |
| | | No.3 | | | | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | | |
| | | No.2/1 | — | — | — | |
| | | No.2/2 | — | — | / | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | | |
| | CDP (V RUN ) | No.1 | — | — | — | |
| | | No.2 | — | — | / | |
| | | No.3 | / | / | / | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | — | — | — | |
| | SCHP (V RUN ) | No.1 | — | — | / | |
| | | No.2 | / | / | / | |
| | | No.3 | — | — | — | |
| Hot water System | Heat Pump Setpoint (54 °C) | No.1 (°C) IN - OUT | — / 56 | — / 56 | — / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 56 | 54 / 58 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | — / — | — / — | — / — | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 54 / 59 | 53 / 56 | 50 / 54 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 60 / 53 | 60 / 53 | 50 / 53 | |
| | | Tank 2 Psi / (°C) | 60 / 53 | 60 / 53 | 50 / 53 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | AUTO | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | AUTO | |
| | | Pressure 270-290 Psi | 290 | 291 | 290 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | AUTO | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | AUTO | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | Use | |
| | Pressure Out | 20-22 PSI. | 24 | 20 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | X | OFF | X | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | / | |
| | | No.2 (V RUN ) | X | X | X | Broken Stone |
| | Filter Pump | No.1 (Clean V ) | / | / | / | |
| | | No.2 (Clean V ) | X | X | X | Water Stock |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | X | X | Over load |
| | | No.2 (V RUN ) | / | / | / | |
| | Jacuzzi | (V RUN ) | / | / | / | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5/7.6 | | 1.5/ 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | No Name | | |

Duty engineering — Sathit SIN.

Asst. chief engineering — Chief

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 01/11/23

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 10986.436 On Peak 4325.212 Off Peak 6661.224 Peak Demand 0.808

Water Summary 7651.75 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 394 | 398 | 400 | |
| | Amp | | 465 | 496 | 412 | |
| | Power Factor | | 0.96 | 0.96 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 398 | 400 | |
| | Amp | | 476 | 156 | 391 | |
| | Power Factor | | 0.98 | 0.98 | 0.94 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT B-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | No | Exc | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | | | ✓ | |
| | | No.2 | | | ✓ | |
| | | No.3 | | | ✓ | |
| | Cooling tower (V RUN ) | No.1/1 | | | ✓ | |
| | | No.1/2 | | | ✓ | |
| | | No.2/1 | | | | |
| | | No.2/2 | | | | |
| | | No.3/1 | | | ✓ | |
| | | No.3/2 | | | ✓ | |
| | CDP (V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | ✓ | |
| | PCHP (V RUN ) | No.1 | | | ✓ | |
| | | No.2 | | | ✓ | |
| | | No.3 | | | | |
| | SCHP (V RUN ) | No.1 | | | ✓ | |
| | | No.2 | | | ✓ | |
| | | No.3 | | | | |
| Hot water System | Heat Pump Setpoint (55 °C) | No.1 (°C) IN - OUT | - / 56 | - / 54 | - / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 56 | 50 / 52 | 50 / 55 | Auto ☑ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 54 | 50 / 52 | 50 / 55 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 54 | 50 / 52 | 50 / 54 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 50 / 52 | 50 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 1S | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Booster pump 2S | No.1 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.2 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.3 (V Auto ) | ✓ | ✓ | ✓ | |
| | Cold water pump B.S | Auto/Off/Manual | No | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | No | Auto | Auto | |
| | | Pressure 270-290 Psi | 294 | 290 | 290 | |
| Joggy pump | Electrical | Auto/Off/Manual | No | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | No | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | use | |
| | Pressure Out | 20-22 PSI. | 20 | 22 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | X | X | X | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | ✓ | ✓ | ✓ | |
| | | No.2 (V RUN ) | ✓ | ✓ | ✓ | |
| | Filter Pump | No.1 (Clean V ) | ✓ | ✓ | ✓ | |
| | | No.2 (Clean V ) | ✓ | ✓ | ✓ | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | ✓ | ✓ | ✓ | |
| | | No.2 (V RUN ) | ✓ | ✓ | ✓ | |
| | Jacuzzi | (V RUN ) | ✓ | ✓ | ✓ | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.1 / 7.2 | Norm | 1.4 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 21 / 11 / 23

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 10973.672 On Peak 4317.760 Off Peak 6655.912 Peak Demand 0.808

Water Summary 76297.97 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 396 | 400 | 400 | |
| | Amp | | 480 | 457 | 419 | |
| | Power Factor | | 0.96 | 0.95 | 0.95 | |
| MDB 2 | Volage | (380-400Volt) | 397 | 399 | 399 | |
| | Amp | | 460 | 473 | 401 | |
| | Power Factor | | 0.95 | 0.94 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT B-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | - | - | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | / | - | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | 50 / 52 | 50 / 52 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 8 / 52 | x / 52 | x / 55 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 52.6 | 52 / 52 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 52.6 | 52 / 52 | 50 / 54 | |
| | | Tank 2 Psi / (°C) | 50 / 52.6 | 52 / 54 | 50 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 2S | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | / | / | / | |
| | Cold water pump B.S | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 278 | 276 | 279 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | Use | |
| | Pressure Out | 20-22 PSI. | 20 | 20 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | Off. | Off | x | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | x | / | |
| | | No.2 (V RUN ) | x | x | x | |
| | Filter Pump | No.1 (Clean V ) | / | / | / | |
| | | No.2 (Clean V ) | x | x | x | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | x | x | x | |
| | | No.2 (V RUN ) | / | / | / | |
| | Jacuzzi | (V RUN ) | / | / | / | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 7.6 | | 1.5 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 20 / 11 / 23

Electric Summary Code.10 Code.11 Kwh sum 10960.056 Code.12 On Peak 4310.148 Code.31 Off Peak 6649.912 Peak Demand 808

Water Summary 76094.60 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 396 | 400 | 400 | |
| | Amp | | 426 | 438 | 369 | |
| | Power Factor | | 0.95 | 0.96 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 399 | 400 | |
| | Amp | | 460 | 480 | 407 | |
| | Power Factor | | 0.95 | 0.93 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | ✓ | |
| | | No.2 | — | — | — | |
| | | No.3 | — | — | — | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | ✓ | |
| | | No.1/2 | / | / | ✓ | |
| | | No.2/1 | — | — | — | |
| | | No.2/2 | — | — | — | |
| | | No.3/1 | / | / | ✓ | |
| | | No.3/2 | / | / | ✓ | |
| | CDP (V RUN ) | No.1 | / | / | ✓ | |
| | | No.2 | — | — | — | |
| | | No.3 | — | — | — | |
| | PCHP (V RUN ) | No.1 | / | / | ✓ | |
| | | No.2 | / | / | ✓ | |
| | | No.3 | — | — | — | |
| | SCHP (V RUN ) | No.1 | / | / | ✓ | |
| | | No.2 | — | — | — | |
| | | No.3 | — | — | — | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | 50 / 54 | 50 / 54 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 8 / 54 | X / 54 | X / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | / — | — / — | — / — | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 56 / 54 | 50 / 54 | 50 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 50 | 50 / 54 | 50 / 54 | |
| | | Tank 2 Psi / (°C) | 50 / 50 | 50 / 54 | 50 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | — / — | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | — / — | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | — / — | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | — / — | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | — / — | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | — / — | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | — / — | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | — / — | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | — / — | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | — / — | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | — / — | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | — / — | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | — / — | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | — / — | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 2S | No.1 (V Auto ) | / | / | ✓ | |
| | | No.2 (V Auto ) | / | / | ✓ | |
| | | No.3 (V Auto ) | / | / | ✓ | |
| | Cold water pump B.S | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 276 | 276 | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | Use | |
| | Pressure Out | 20-22 PSI. | 22 | 22 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | Off | Off | X | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | / | |
| | | No.2 (V RUN ) | X | X | X | |
| | Filter Pump | No.1 (Clean V ) | / | / | / | |
| | | No.2 (Clean V ) | X | X | X | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | X | X | X | |
| | | No.2 (V RUN ) | / | / | / | |
| | Jacuzzi | (V RUN ) | | | | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 7.6 | | 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 19 / 11 / 23

Code.10 | Code.11 | Code.12 | Code.31

Electric Summary — Kwh sum 1096.588 — On Peak 4310.148 — Off Peak 4636.440 — Peak Demand 808

Water Summary 75994.76 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 395 | 400 | 396 | |
| | Amp | | 488 | 448 | 392 | |
| | Power Factor | | 0.94 | 0.94 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 396 | 399 | 398 | |
| | Amp | | 498 | 484 | 386 | |
| | Power Factor | | 0.93 | 0.94 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(√ RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | Cooling tower (√ RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | / | / | - | |
| | | No.2/2 | - | - | - | |
| | | No.3/1 | / | / | | |
| | | No.3/2 | / | / | | |
| | CDP (√ RUN ) | No.1 | / | / | / | |
| | | No.2 | / | - | - | |
| | | No.3 | - | - | - | |
| | PCHP (√ RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | - | / | - | |
| | SCHP (√ RUN ) | No.1 | - | - | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | 50 / 54 | 50 / 54 | 49 / 56 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 54 | 50 / 54 | 49 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 54 | 50 / 54 | 52 / 56 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 54 | 50 / 54 | 49 / 53 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 50 / 54 | 49 / 53 | |
| | Return pump Floor 20 | Pressure IN / OUT | | - / - | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | - / - | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | - / - | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | - / - | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | - / - | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | - / - | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | - / - | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (√ Auto ) | / | / | / | |
| | | No.2 (√ Auto ) | / | / | / | |
| | | No.3 (√ Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 296 | 296 | 296 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | Use | |
| | Pressure Out | 20-22 PSI. | 21 | 21 | 21 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | Auto | Auto | Auto | |
| Fountain pump | Hotel sign | No.1 (√ RUN ) | / | / | - | |
| | | No.2 (√ RUN ) | X | X | X | |
| | Filter Pump | No.1 (Clean √ ) | / | / | - | |
| | | No.2 (Clean √ ) | X | X | X | |
| Main Swimming Pool | Operation of pump (/) | No.1 (√ RUN ) | X | X | X | |
| | | No.2 (√ RUN ) | / | / | - | |
| | Jacuzzi | (√ RUN ) | / | / | - | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.4 / 7.2 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 16 / 11 / 23

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 10934.204 On Peak 4310.148 Off Peak 6624.056 Peak Demand 0.806

Water Summary 75732.457

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 402 | 400 | 399 | |
| | Amp | | 386 | 390 | 432 | |
| | Power Factor | | 0.85 | 0.95 | 0.92 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 400 | 397 | |
| | Amp | | 567 | 599 | 430 | |
| | Power Factor | | 0.89 | 0.94 | 0.92 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT B-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | NO | Auto | Auto | |
| Chiller System | Chiller No.(√ RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| | Cooling tower (√ RUN ) | No.1/1 | ✓ | ✓ | ✓ | |
| | | No.1/2 | ✓ | ✓ | ✓ | |
| | | No.2/1 | – | – | – | |
| | | No.2/2 | – | – | – | |
| | | No.3/1 | – | – | ✓ | |
| | | No.3/2 | – | – | ✓ | |
| | CDP (√ RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| | PCHP (√ RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | ✓ | ✓ | ✓ | |
| | | No.3 | – | – | – | |
| | SCHP (√ RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| Hot water System | Heat Pump Setpoint (55 °C) | No.1 (°C) IN - OUT | – / 55 | – / 55 | – / 56 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 60 / 55 | 50 / 55 | 56 / 57 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | – / – | – / – | – / – | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 59 / 58 | 50 / 58 | 55 / 56 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 40 / 57 | 40 / 57 | 60 / 59 | |
| | | Tank 2 Psi / (°C) | 40 / 55 | 40 / 55 | 40 / 57 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (√ Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (√ Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (√ Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (√ Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (√ Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☑ |
| | Booster pump 2S | No.1 (√ Auto ) | ✓ | – | ✓ | |
| | | No.2 (√ Auto ) | ✓ | – | ✓ | |
| | | No.3 (√ Auto ) | ✓ | – | ✓ | |
| | Cold water pump 8.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 290 | 270 | 268 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | Use | |
| | Pressure Out | 20-22 PSI. | 22 | 22 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | ✓ | ✓ | OFF | |
| Fountain pump | Hotel sign | No.1 (√ RUN ) | ✓ | ✓ | – | |
| | | No.2 (√ RUN ) | ✓ | ✓ | – | Pump Stuck |
| | Filter Pump | No.1 (Clean √ ) | ✓ | ✓ | – | |
| | | No.2 (Clean √ ) | ✓ | ✓ | – | Pump Stuck |
| Main Swimming Pool | Operation of pump (/) | No.1 (√ RUN ) | ✓ | ✓ | ✓ | Level low |
| | | No.2 (√ RUN ) | ✓ | ✓ | – | |
| | Jacuzzi | (√ RUN ) | ✓ | ✓ | – | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.4 | | 1.5 / 7.4 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 16 / 11 / 23

Code.10 | Code.11 | Code.12 | Code.31

Electric Summary | Kwh sum 10405,536 | On Peak 4293,508 | Off Peak 6612,028 | Peak Demand 0.808

Water Summary 75356.32 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 398 | 398 | 400 | |
| | Amp | | 524 | 534 | 488 | |
| | Power Factor | | 0.94 | 0.96 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 400 | 400 | |
| | Amp | | 502 | 496 | 424 | |
| | Power Factor | | 0.90 | 0.96 | 0.94 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(√ RUN ) | No.1 | / | / | √ | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| | Cooling tower (√ RUN ) | No.1/1 | / | / | √ | |
| | | No.1/2 | / | / | √ | |
| | | No.2/1 | – | – | – | |
| | | No.2/2 | – | – | – | |
| | | No.3/1 | / | / | √ | |
| | | No.3/2 | / | / | √ | |
| | CDP (√ RUN ) | No.1 | – | – | √ | |
| | | No.2 | – | – | √ | |
| | | No.3 | / | / | √ | |
| | PCHP (√ RUN ) | No.1 | / | / | √ | |
| | | No.2 | / | / | √ | |
| | | No.3 | – | – | – | |
| | SCHP (√ RUN ) | No.1 | – | – | √ | |
| | | No.2 | / | / | – | |
| | | No.3 | – | – | – | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | – / 50 | – / 54 | – / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 50 | 53 / 56 | 50 / 55 | Auto ☑ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | – / – | – / – | – / – | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 56 / 62 | 50 / 55 | 50 / 55 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 59 | 60 / 59.1 | 40 / 53 | |
| | | Tank 2 Psi / (°C) | 50 / 59 | 40 / 58.1 | 40 / 53 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 1S | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Booster pump 2S | No.1 (√ Auto ) | / | / | / | |
| | | No.2 (√ Auto ) | / | / | / | |
| | | No.3 (√ Auto ) | / | / | / | |
| | Cold water pump B.S | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 290 | 290 | 290 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Emtry | Emtry | EMTY | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | USE | |
| | Pressure Out | 20-22 PSI. | 20 | 20 | 20 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | X | OFF | X | |
| Fountain pump | Hotel sign | No.1 (√ RUN ) | / | / | / | |
| | | No.2 (√ RUN ) | X | X | X | Pump shock |
| | Filter Pump | No.1 (Clean √ ) | / | / | / | |
| | | No.2 (Clean √ ) | X | / | X | Pump shock |
| Main Swimming Pool | Operation of pump (/) | No.1 (√ RUN ) | / | X | X | |
| | | No.2 (√ RUN ) | / | / | X | |
| | Jacuzzi | (√ RUN ) | / | / | / | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.6 / 7.6 | | 1.5 / 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | Abnormal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 13 / 11 / 23

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 10958.408 On Peak 4266.208 Off Peak 6592.200 Peak Demand 792

Water Summary 14701.67 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 399 | 400 | 400 | |
| | Amp | | 676 | 674 | 528 | |
| | Power Factor | | 0.95 | 0.94 | 0.95 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 399 | 400 | |
| | Amp | | 268 | 400 | 388 | |
| | Power Factor | | 0.96 | 0.96 | 0.94 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT B-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| | Cooling tower (V RUN ) | No.1/1 | | | | |
| | | No.1/2 | | | | |
| | | No.2/1 | | | | |
| | | No.2/2 | | | | |
| | | No.3/1 | | | | |
| | | No.3/2 | | | | |
| | CDP (V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| | PCHP (V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| | SCHP (V RUN ) | No.1 | | | | |
| | | No.2 | | | | |
| | | No.3 | | | | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | 50/54 | 50/54 | 50/56 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 8/50 | X/50 | X/50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | -/- | -/- | -/- | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50/54 | 50/50 | 50/55 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 35/56 | 35/54 | 40/54 | |
| | | Tank 2 Psi / (°C) | 35/56 | 35/54 | 40/54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☑ |
| | Booster pump 25 | No.1 (V Auto ) | | | | |
| | | No.2 (V Auto ) | | | | |
| | | No.3 (V Auto ) | | | | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 270 | 275 | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Emtry | |
| | | No.2 (B) Use/Emtry/Spare | Spare | Spare | Use | |
| | Pressure Out | 20-22 PSI. | 22 | 20 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | Off | Off | X | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | | | X | |
| | | No.2 (V RUN ) | | | | |
| | Filter Pump | No.1 (Clean V ) | | | | |
| | | No.2 (Clean V ) | | | X | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | | | | |
| | | No.2 (V RUN ) | | | | |
| | Jacuzzi | (V RUN ) | | | | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 7.2 | | 1.4 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

8/2610.

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 12 / 11 / 23

Code.10 | Code.11 | Code.12 | Code.31

Electric Summary | Kwh sum 10842.512 | On Peak 4266.20P | Off Peak 6576.30P | Peak Demand 792

Water Summary 74446.39 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 400 | 397 | |
| | Amp | | 610 | 640 | 663 | |
| | Power Factor | | 0.95 | 0.94 | 0.95 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 394 | 399 | |
| | Amp | | 420 | 420 | 432 | |
| | Power Factor | | 0.92 | 0.94 | 0.96 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | - | - | - | |
| | | No.2 | - | - | - | |
| | | No.3 | / | / | / | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | / | - | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | - | / | |
| | CDP (V RUN ) | No.1 | - | - | - | |
| | | No.2 | - | - | - | |
| | | No.3 | / | / | / | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (55 °C) | No.1 (°C) IN - OUT | - / 55 | - / 55 | - / 56 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 54 | 50 / 58 | 52 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | - / 56 | - / 58 | 53 / 56 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 56 / 50 | 50 / 54 | 60 / 50 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 50 / 54 | 60 / 56 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 2S | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 280 | 274 | 277 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Spare | Spare | Spare | |
| | Pressure Out | 20-22 PSI. | 22 | 22 | 20 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | / | / | OFF | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | - | |
| | | No.2 (V RUN ) | / | / | - | |
| | Filter Pump | No.1 (Clean V ) | / | / | - | |
| | | No.2 (Clean V ) | / | / | / | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | | |
| | | No.2 (V RUN ) | / | / | - | |
| | Jacuzzi | (V RUN ) | / | / | - | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.5 / 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 1 / 11 / 23

Electric Summary — Code.10 — Code.11 Kwh sum 10827.920 — Code.12 On Peak 4266.208 — Code.31 Off Peak 6561.712 — Peak Demand 0.792

Water Summary 74925.88 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 403 | 396 | |
| | Amp | | 459 | 459 | 524 | |
| | Power Factor | | 0.94 | 0.94 | 0.960 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 399 | 399 | |
| | Amp | | 564 | 593 | 373 | |
| | Power Factor | | 0.95 | 0.95 | 0.96 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | No | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | — | — | — | |
| | | No.2 | — | — | — | |
| | | No.3 | / | / | / | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | — | — | — | |
| | | No.2/2 | — | — | — | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (V RUN ) | No.1 | — | — | — | |
| | | No.2 | — | — | — | |
| | | No.3 | / | / | / | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | | | — | |
| | SCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | — | — | — | |
| | | No.3 | — | — | — | |
| Hot water System | Heat Pump Setpoint (.....°C) 55 | No.1 (°C) IN - OUT | — / 56 | — / 50 | — / | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 56 | 50 / 51 | / | Auto ☑ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | — / — | — / — | — / — | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | — / 56 | — / 50 | / | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 54 | 50 / 54 | / | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 50 / 54 | / | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 2S | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | No | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | No | Auto | Auto | |
| | | Pressure 270-290 Psi | 290 | 294 | 292 | |
| Joggy pump | Electrical | Auto/Off/Manual | No | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Hide | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Spare | Spare | Spare | |
| | Pressure Out | 20-22 PSI. | 22 | 22 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | / | / | OFF | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | — | |
| | | No.2 (V RUN ) | / | / | — | |
| | Filter Pump | No.1 (Clean V ) | / | / | — | |
| | | No.2 (Clean V ) | / | / | — | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | — | |
| | | No.2 (V RUN ) | / | / | — | |
| | Jacuzzi | (V RUN ) | / | / | — | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.5 | | 1.5 / 7.9 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 10/11/23

Code.10 | Code.11 | Code.12 | Code.31

Electric Summary | Kwh sum 10812.788 | On Peak 4257.344 | Off Peak 6555.444 | Peak Demand 0.792

Water Summary 74824.91 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 396 | 400 | |
| | Amp | | 560 | 554 | 488 | |
| | Power Factor | | 0.95 | 0.90 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 399 | 400 | |
| | Amp | | 570 | 661 | 420 | |
| | Power Factor | | 0.97 | 0.96 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT B-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | - | - | - | |
| | | No.2 | - | - | ✓ | |
| | | No.3 | ✓ | ✓ | ✓ | |
| | Cooling tower (V RUN ) | No.1/1 | ✓ | ✓ | ✓ | Test bbp function |
| | | No.1/2 | ✓ | ✓ | - | |
| | | No.2/1 | ✓ | - | - | |
| | | No.2/2 | ✓ | - | ✓ | |
| | | No.3/1 | ✓ | ✓ | ✓ | |
| | | No.3/2 | ✓ | ✓ | ✓ | |
| | CDP (V RUN ) | No.1 | - | - | - | |
| | | No.2 | ✓ | - | ✓ | |
| | | No.3 | - | ✓ | ✓ | |
| | PCHP (V RUN ) | No.1 | ✓ | ✓ | ✓ | |
| | | No.2 | ✓ | ✓ | ✓ | |
| | | No.3 | - | - | ✓ | |
| | SCHP (V RUN ) | No.1 | - | ✓ | ✓ | |
| | | No.2 | ✓ | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (55.....°C) | No.1 (°C) IN - OUT | - / 60 | - / 57 | - / 55 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 56 / 60 | 50 / 56 | 70 / 75 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | - / 54 | 54 / 59 | 70 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 50 | 60 / 56 | 50 / 54 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 40 / 56 | 50 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | ✓ | ✓ | ✓ | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.2 (V Auto ) | ✓ | ✓ | ✓ | |
| | | No.3 (V Auto ) | ✓ | ✓ | ✓ | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 271 | 270 | 290 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Spare | Spare | Spare | |
| | Pressure Out | 20-22 PSI. | 24 | 26 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | ✓ | Off | ✓ | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | ✓ | ✓ | ✓ | |
| | | No.2 (V RUN ) | ✓ | ✓ | ✓ | |
| | Filter Pump | No.1 (Clean V ) | ✓ | ✓ | ✓ | |
| | | No.2 (Clean V ) | ✓ | ✓ | ✓ | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | ✓ | ✓ | ✓ | Water Shower Area Toilet |
| | | No.2 (V RUN ) | ✓ | ✓ | ✓ | |
| | Jacuzzi | (V RUN ) | ✓ | ✓ | ✓ | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.5 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | AL Normal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

| | | |
|---|---|---|
| | | 8/11/23 |
| | | |
| | | |

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 9/11/23

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 10967.384 On Peak 4248.456 Off Peak 6548.928 Peak Demand 0.792

Water Summary 73823.10 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 397 | 400 | |
| | Amp | | 568 | 578 | 488 | |
| | Power Factor | | 0.92 | 0.93 | 0.92 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 399 | 400 | |
| | Amp | | 500 | 492 | 487 | |
| | Power Factor | | 0.96 | 0.95 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | | |
| Chiller System | Chiller No.(√ RUN ) | No.1 | — | — | — | |
| | | No.2 | — | — | √ | |
| | | No.3 | — | — | √ | |
| | Cooling tower (√ RUN ) | No.1/1 | — | — | √ | |
| | | No.1/2 | — | — | √ | |
| | | No.2/1 | — | — | √ | |
| | | No.2/2 | — | — | √ | |
| | | No.3/1 | — | — | √ | |
| | | No.3/2 | — | — | √ | |
| | CDP (√ RUN ) | No.1 | — | — | √ | |
| | | No.2 | — | — | √ | |
| | | No.3 | — | — | √ | |
| | PCHP (√ RUN ) | No.1 | — | — | √ | |
| | | No.2 | — | — | √ | |
| | | No.3 | — | — | √ | |
| | SCHP (√ RUN ) | No.1 | — | — | √ | |
| | | No.2 | — | — | — | |
| | | No.3 | — | — | — | |
| Hot water System | Heat Pump Setpoint (.....°C) 55 | No.1 (°C) IN - OUT | — / 55 | — / 55 | — / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 52 / 58 | 54 / 56 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | — / — | — / — | — / — | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | — / 56 | 55 / 55 | 50 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 50 | 50 / 54 | 50 / 55 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 50 / 54 | 50 / 55 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (√ Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (√ Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (√ Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (√ Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (√ Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (√ Auto ) | | | | |
| | | No.2 (√ Auto ) | | | | |
| | | No.3 (√ Auto ) | | | | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 270 | 270 | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Spare | Spare | Spare | |
| | Pressure Out | 20-22 PSI. | 22 | 22 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | X | Off | X | |
| Fountain pump | Hotel sign | No.1 (√ RUN ) | — | — | — | |
| | | No.2 (√ RUN ) | X | X | X | ปิดทำงานอยู่ |
| | Filter Pump | No.1 (Clean √ ) | — | — | — | |
| | | No.2 (Clean √ ) | — | — | — | |
| Main Swimming Pool | Operation of pump (/) | No.1 (√ RUN ) | — | X | X | |
| | | No.2 (√ RUN ) | — | — | X | |
| | Jacuzzi | (√ RUN ) | — | — | — | ปิดซ่อม |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.5 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | Abnormal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 8 / 11 / 23

Electric Summary — Code.10 — Code.11 Kwh sum 0782,424 — Code.12 On Peak 4239.752 — Code.31 Off Peak 6542,676 — Peak Demand 0.792

Water Summary 73657.84 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 396 | 400 | 400 | |
| | Amp | | 569 | 602 | 510 | |
| | Power Factor | | 0.96 | 0.93 | 0.93 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 397 | 400 | |
| | Amp | | 694 | 654 | 440 | |
| | Power Factor | | 0.95 | 0.93 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | NO | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | - | / | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | / | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (56 °C) | No.1 (°C) IN - OUT | - / 56 | - / 55 | - / 50 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 56 | 50 / 56 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 54 | 50 / 54 | 50 / 54 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 54 | 50 / 54 | 50 / 54 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 50 / 54 | 50 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | NO | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | NO | Auto | Auto | |
| | | Pressure 270-290 Psi | 280 | 274 | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | NO | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | NO | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Spare | Spare | Spare | |
| | Pressure Out | 20-22 PSI. | 21 | 21 | 21 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | / | / | / | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | / | |
| | | No.2 (V RUN ) | / | / | / | |
| | Filter Pump | No.1 (Clean V ) | / | / | / | |
| | | No.2 (Clean V ) | / | / | / | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | / | |
| | | No.2 (V RUN ) | / | / | / | |
| | Jacuzzi | (V RUN ) | / | / | / | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.6/ 7.6 | | 1.5/ 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | Normal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 7/11/23

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 10767.940 On Peak 4231.192 Off Peak 6536.748 Peak Demand 0.792

Water Summary 73484.65 Cm³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 399 | 400 | 400 | |
| | Amp | | 670 | 690 | 452 | |
| | Power Factor | | 0.96 | 0.95 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 399 | 400 | |
| | Amp | | 215 | 470 | 425 | |
| | Power Factor | | 0.97 | 0.97 | 0.96 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | / | |
| | | No.2 | — | — | — | |
| | | No.3 | — | — | — | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | — | — | — | |
| | | No.2/2 | — | — | / | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (V RUN ) | No.1 | / | — | / | |
| | | No.2 | — | — | — | |
| | | No.3 | — | — | — | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | — | — | / | |
| | SCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | — | — | — | |
| | | No.3 | — | — | — | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | 52 / 55 | 52 / 55 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 8 / 55 | X / 55 | X / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | — / — | — / — | — / — | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 50 | 52 / 55 | 50 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 36 / 55 | 35 / 55 | 40 / 54 | |
| | | Tank 2 Psi / (°C) | 35 / 55 | 35 / 55 | 40 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Booster pump 25 | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 270 | 276 | 270 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Emtry | Emtry | Emtry | |
| | Pressure Out | 20-22 PSI. | OK | 27 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | OFF | OFF | X | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | / | |
| | | No.2 (V RUN ) | / | / | / | |
| | Filter Pump | No.1 (Clean V ) | / | / | / | |
| | | No.2 (Clean V ) | / | / | / | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | / | |
| | | No.2 (V RUN ) | / | / | / | |
| | Jacuzzi | (V RUN ) | / | / | / | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 X.2 | | 1.5 7.1 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 6 / 11 / 23

Electric Summary — Code.10 — Code.11 Kwh sum 10751.340 — Code.12 On Peak 4221.820 — Code.31 Off Peak 6529.524 — Peak Demand 748

Water Summary 73281.43 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 399 | 400 | 400 | |
| | Amp | | 616 | 620 | 620 | |
| | Power Factor | | 0.96 | 0.95 | 0.95 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 400 | 400 | |
| | Amp | | 480 | 490 | 490 | |
| | Power Factor | | 0.94 | 0.96 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | No | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | √ | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | √ | |
| | | No.1/2 | / | / | √ | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | - | - | |
| | | No.3/1 | / | / | √ | |
| | | No.3/2 | / | / | √ | |
| | CDP (V RUN ) | No.1 | / | / | √ | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | PCHP (V RUN ) | No.1 | / | / | √ | |
| | | No.2 | / | / | √ | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | / | / | √ | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | 48 / 52 | 48 / 54 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 52 | 50 / 54 | 50 / 50 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 52 / 54 | 52 / 54 | 50 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 35 / 50.0 | 35 / 53.6 | 35 / 54 | |
| | | Tank 2 Psi / (°C) | 35 / 50.0 | 35 / 54 | 35 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | - / - | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | - / - | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | - / - | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | - / - | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | - / - | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | - / - | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | - / - | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 270 | 275 | 275 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | 2015 เปลี่ยน Jockey |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Backup | Emtry | Emtry | |
| | Pressure Out | 20-22 PSI. | 24 | 24 | 24 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | OFF | OFF | X | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | √ | |
| | | No.2 (V RUN ) | / | / | / | |
| | Filter Pump | No.1 (Clean V ) | / | / | / | |
| | | No.2 (Clean V ) | / | / | / | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | / | |
| | | No.2 (V RUN ) | / | / | / | |
| | Jacuzzi | (V RUN ) | / | / | / | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 7.6 | | 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 5 / 11 / 66

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 16736.884 On Peak 4221.820 Off Peak 6515.064 Peak Demand 748

Water Summary 73075.19 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 396 | 397 | 396 | |
| | Amp | | 690 | 526 | 446 | |
| | Power Factor | | 0.96 | 0.96 | 0.93 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 396 | 399 | |
| | Amp | | 410 | 616 | 342 | |
| | Power Factor | | 0.95 | 0.94 | 0.96 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | - | - | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (55 °C) | No.1 (°C) IN - OUT | 50 / 52 | 50 / 50 | 50 / 55 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 8 / 50 | - / 55 | - / 54 | Auto ☑ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 52 / 50 | 50 / 56 | 53 / 58 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 35 / 52 | 36 / 64 | 40 / 64 | |
| | | Tank 2 Psi / (°C) | 35 / 52 | 35 / 64 | 40 / 46 | |
| | Return pump Floor 20 | Pressure IN / OUT | | 70 / 105 | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | 75 / 110 | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | 50 / 100 | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | 55 / 105 | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | 50 / 100 | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | 50 / 105 | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | - / - | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | 50 / 160 | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | - / - | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | 50 / 180 | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | - / - | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | 66 / 116 | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | - / - | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | | | | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | | | | |
| | | No.2 (V Auto ) | | | | |
| | | No.3 (V Auto ) | | | | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 296 | 290 | 290 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Empty | Empty | Empty | |
| | Pressure Out | 20-22 PSI. | 24 | 24 | 24 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | 8 | x | OFF | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | - | |
| | | No.2 (V RUN ) | / | / | - | |
| | Filter Pump | No.1 (Clean V ) | / | / | - | |
| | | No.2 (Clean V ) | / | / | - | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | - | |
| | | No.2 (V RUN ) | / | / | - | |
| | Jacuzzi | (V RUN ) | / | / | - | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 7.6 | | 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | Normal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 4 / 11 / 66

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 107 21.212 On Peak 4221.820 Off Peak 6499.396 Peak Demand 748

Water Summary 72875.30 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 394 | 398 | 400 | |
| | Amp | | 401 | 479 | 460 | |
| | Power Factor | | 0.95 | 0.95 | 0.95 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 400 | 402 | |
| | Amp | | 394 | 538 | 550 | |
| | Power Factor | | 0.94 | 0.95 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Mo | Mo | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | - | - | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (55 °C) | No.1 (°C) IN - OUT | - / 50 | - / 52 | - / 52 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 55 | 52 / 55 | 52 / 52 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☑ |
| | | No.4 (°C) IN - OUT | - / 54 | - / 52 | - / 52 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 54 | 50 / 55 | 50 / 55 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 50 / 55 | 50 / 55 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (V Auto ) | / | / | - | |
| | | No.2 (V Auto ) | / | / | - | |
| | | No.3 (V Auto ) | / | / | - | |
| | Cold water pump B.5 | Auto/Off/Manual | / | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Mo | Auto | Auto | |
| | | Pressure 270-290 Psi | 285 | 270 | 275 | |
| Joggy pump | Electrical | Auto/Off/Manual | Mo | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Mo | Mo | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Use | Use | Use | |
| | | No.2 (B) Use/Emtry/Spare | Emtry | Emtry | Emtry | |
| | Pressure Out | 20-22 PSI. | 20 | 23 | 20 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | ✓ | OFF | - | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | - | |
| | | No.2 (V RUN ) | / | / | - | |
| | Filter Pump | No.1 (Clean V ) | / | / | - | |
| | | No.2 (Clean V ) | / | / | - | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | - | |
| | | No.2 (V RUN ) | / | / | - | |
| | Jacuzzi | (V RUN ) | / | / | - | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.5 / 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | Abnormal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 3 / 11 / 66

Code.10 Code.11 Code.12 Code.31

Electric Summary Kwh sum 10706.260 On Peak 4213.040 Off Peak 6493.146 Peak Demand 696

Water Summary 72694.14 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 390 | 390 | 400 | |
| | Amp | | 460 | 670 | 690 | |
| | Power Factor | | 0.95 | 0.96 | 0.96 | |
| MDB 2 | Volage | (380-400Volt) | 400 | 394 | 394 | |
| | Amp | | 513 | 1356 | 980 | |
| | Power Factor | | 0.90 | 0.96 | 0.96 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Auto | Auto | Auto | |
| Chiller System | Chiller No.(V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | Cooling tower (V RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | - | - | - | |
| | | No.2/2 | - | - | - | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| | PCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | / | / | / | |
| | | No.3 | - | - | - | |
| | SCHP (V RUN ) | No.1 | / | / | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | - | - | |
| Hot water System | Heat Pump Setpoint (55 °C) | No.1 (°C) IN - OUT | - / 55 | 52 / 52 | 52 / 54 | Auto ☑ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 58 | 52 / 52 | 52 / 54 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 53 / 60 | 50 / 52 | 50 / 54 | Auto ☑ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 50 | 50 / 52 | 51 / 52 | |
| | | Tank 2 Psi / (°C) | 50 / 09 | 50 / 52 | 51 / 53 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Under ground Tank no.2 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Fire Tank no.1 | ( 100 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.1 | ( 90 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Roof Tank no.2 | ( 95 cm³) (V Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☑ |
| | Booster pump 25 | No.1 (V Auto ) | / | / | / | |
| | | No.2 (V Auto ) | / | / | / | |
| | | No.3 (V Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 274 | 276 | 276 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | Use | |
| | Pressure Out | 20-22 PSI. | 24. | 22 | 22 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | / | - | - | |
| Fountain pump | Hotel sign | No.1 (V RUN ) | / | / | - | |
| | | No.2 (V RUN ) | / | / | - | |
| | Filter Pump | No.1 (Clean V ) | / | / | - | |
| | | No.2 (Clean V ) | / | / | - | |
| Main Swimming Pool | Operation of pump (/) | No.1 (V RUN ) | / | / | - | |
| | | No.2 (V RUN ) | / | / | - | |
| | Jacuzzi | (V RUN ) | / | / | - | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.7 / 7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 2/11/23

Electric Summary — Code.10 — Code.11 Kwh sum 10691.924 — Code.12 On Peak 4204996 — Code.31 Off Peak 6486.928 — Peak Demand 696

Water Summary 72526.57 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 399 | 400 | |
| | Amp | | 599 | 606 | 600 | |
| | Power Factor | | 093 | 095 | 0.94 | |
| MDB 2 | Volage | (380-400Volt) | 398 | 398 | 394 | |
| | Amp | | 547 | 526 | 530 | |
| | Power Factor | | 096 | 0.95 | 0.93 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | Man | Auto | Auto | |
| Chiller System | Chiller No.(√ RUN ) | No.1 | / | | / | |
| | | No.2 | - | - | | |
| | | No.3 | - | - | - | |
| | Cooling tower (√ RUN ) | No.1/1 | / | | / | |
| | | No.1/2 | / | | | |
| | | No.2/1 | - | 2 | - | |
| | | No.2/2 | - | | | |
| | | No.3/1 | / | | / | |
| | | No.3/2 | / | | / | |
| | CDP (√ RUN ) | No.1 | / | | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | | - | |
| | PCHP (√ RUN ) | No.1 | / | | / | |
| | | No.2 | - | - | | |
| | | No.3 | - | - | - | |
| | SCHP (√ RUN ) | No.1 | / | | / | |
| | | No.2 | - | - | - | |
| | | No.3 | - | | - | |
| Hot water System | Heat Pump Setpoint (56 °C) | No.1 (°C) IN - OUT | - / 55 | - / 54 | - / 54 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 54 | 50 / 53 | 50 / 54 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | - / - | - / - | - / - | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 10 | 50 / 54 | 50 / 54 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 54 | 35 / 54 | 55 / 54 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 35 / 54 | 55 / 54 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 1S | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (√ Normal ) | / | | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (√ Normal ) | / | | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (√ Normal ) | / | | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (√ Normal ) | / | | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (√ Normal ) | / | | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 2S | No.1 (√ Auto ) | / | | / | |
| | | No.2 (√ Auto ) | / | | / | |
| | | No.3 (√ Auto ) | / | | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Man | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Man | Auto | Auto | |
| | | Pressure 270-290 Psi | 294 | 0976 | 276 | |
| Joggy pump | Electrical | Auto/Off/Manual | Man | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Man | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | Use | |
| | Pressure Out | 20-22 PSI. | 21 | 21 | 21 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | x | b | x | |
| Fountain pump | Hotel sign | No.1 (√ RUN ) | / | | - | |
| | | No.2 (√ RUN ) | / | | - | |
| | Filter Pump | No.1 (Clean √ ) | / | | - | |
| | | No.2 (Clean √ ) | / | | - | |
| Main Swimming Pool | Operation of pump (/) | No.1 (√ RUN ) | / | | - | |
| | | No.2 (√ RUN ) | / | | - | |
| | Jacuzzi | (√ RUN ) | / | | - | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 15/7.1 | | 15/7.6 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | Normal | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
HOTELS & RESORTS

ENGINEERING DEPARTMENT

DAILY CHECKLIST

Date: 1 / 11 / 23

Electric Summary — Code.10 — Code.11 Kwh sum 10678.168 — Code.12 On Peak 4196.912 — Code.31 Off Peak 6481.260 — Peak Demand 0

Water Summary 72387.53 m³

| System | Description | | Day Shift | Afternoon Shift | Night Shift | Remark |
|---|---|---|---|---|---|---|
| MDB 1 | Volage | (380-400Volt) | 400 | 400 | 398 | |
| | Amp | | 594 | 612 | 603 | |
| | Power Factor | | 0.96 | 0.95 | 0.96 | |
| MDB 2 | Volage | (380-400Volt) | 399 | 399 | 399 | |
| | Amp | | 576 | 580 | 579 | |
| | Power Factor | | 0.97 | 0.96 | 0.95 | |
| AMCC (MDB) | Chiller | Kwh Meter | | | | |
| BUSDUCT 8-24 fl. | Guest room | Kwh Meter | | | | |
| Generator | Status | Auto/Off | NO | Auto | Auto | |
| Chiller System | Chiller No.(√ RUN ) | No.1 | / | / | / | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| | Cooling tower (√ RUN ) | No.1/1 | / | / | / | |
| | | No.1/2 | / | / | / | |
| | | No.2/1 | – | – | – | |
| | | No.2/2 | – | / | – | |
| | | No.3/1 | / | / | / | |
| | | No.3/2 | / | / | / | |
| | CDP (√ RUN ) | No.1 | / | / | / | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| | PCHP (√ RUN ) | No.1 | / | / | / | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| | SCHP (√ RUN ) | No.1 | / | / | / | |
| | | No.2 | – | – | – | |
| | | No.3 | – | – | – | |
| Hot water System | Heat Pump Setpoint (.....°C) | No.1 (°C) IN - OUT | / 55 | – / 52 | – / 55 | Auto ☐ Manual ☐ Off ☐ |
| | | No.2 (°C) IN - OUT | 50 / 50 | 50 / 52 | 53 / 54 | Auto ☐ Manual ☐ Off ☐ |
| | | No.3 (°C) IN - OUT | – / 50 | – / 51 | – / – | Auto ☐ Manual ☐ Off ☐ |
| | | No.4 (°C) IN - OUT | 50 / 50 | 50 / 50 | 54 / 54 | Auto ☐ Manual ☐ Off ☐ |
| | Hot water storage tank | Tank 1 Psi / (°C) | 50 / 54 | 50 / 54 | 40 / 53 | |
| | | Tank 2 Psi / (°C) | 50 / 54 | 50 / 54 | 40 / 53 | |
| | Return pump Floor 20 | Pressure IN / OUT | | / | | No 09 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 10 (Auto) ☐ (off) ☐ |
| | Return pump Floor 15 | Pressure IN / OUT | | / | | No 01 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 02 (Auto) ☐ (off) ☐ |
| | Return pump Floor 9 | Pressure IN / OUT | | / | | No 03 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 04 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4M | Pressure IN / OUT | | / | | No 07 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 08 (Auto) ☐ (off) ☐ |
| | Return pump Floor 4 | Pressure IN / OUT | | / | | No 15 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 16 (Auto) ☐ (off) ☐ |
| | Return pump Floor G | Pressure IN / OUT | | / | | No 13 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 14 (Auto) ☐ (off) ☐ |
| | Return pump Floor B3 | Pressure IN / OUT | | / | | No 11 (Auto) ☐ (off) ☐ |
| | | Pressure IN / OUT | | / | | No 12 (Auto) ☐ (off) ☐ |
| Cold Water system and water level | Under ground Tank no.1 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Under ground Tank no.2 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Fire Tank no.1 | ( 100 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.1 | ( 90 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Roof Tank no.2 | ( 95 cm³) (√ Normal ) | / | / | / | Low ☐ Medime ☐ Hi ☐ |
| | Booster pump 25 | No.1 (√ Auto ) | / | / | / | |
| | | No.2 (√ Auto ) | / | / | / | |
| | | No.3 (√ Auto ) | / | / | / | |
| | Cold water pump B.5 | Auto/Off/Manual | Auto | Auto | Auto | |
| Fire Pump | Engine | Auto/Off/Manual | Auto | Auto | Auto | |
| | | Pressure 270-290 Psi | 280 | 280 | 273 | |
| Joggy pump | Electrical | Auto/Off/Manual | Auto | Auto | Auto | |
| Waste Water Treatment | Operation System | Auto/Off/Manual | Auto | Auto | Auto | |
| | Sludge drying SV.30 | 250-400 mg/l | ✓ | | | |
| Gas System | Line No.(Open/Closed) | No.1 (A) Use/Emtry/Spare | Spare | Spare | Spare | |
| | | No.2 (B) Use/Emtry/Spare | Use | Use | Use | |
| | Pressure Out | 20-22 PSI. | 22 | 24 | 24 | |
| Green Wall Pump | Operation of pump (/) | No.1 Auto/Off/Manual | X | X | OFF | |
| Fountain pump | Hotel sign | No.1 (√ RUN ) | / | / | – | |
| | | No.2 (√ RUN ) | / | / | – | |
| | Filter Pump | No.1 (Clean √ ) | / | / | – | |
| | | No.2 (Clean √ ) | / | / | – | |
| Main Swimming Pool | Operation of pump (/) | No.1 (√ RUN ) | / | / | – | |
| | | No.2 (√ RUN ) | / | / | – | |
| | Jacuzzi | (√ RUN ) | / | | – | |
| | Water Condition | CL 1.0-1.5 / PH 7.2-8.4 | 1.5 / 7.6 | | 1.5 / 7.9 | |
| Hotel Sign | In front of hotel & Roof | Normal/Abnormal | | | | |

| | | | |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

Duty engineering

Asst. chief engineering

Chief Engineering

Comment.....

PH 7.2-8.4 / CL 1.0-1.5

Hilton
SUKHUMVIT BANGKOK

วันที่ 30 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | 1806 | 1.0 | 7.6 | 50.4 | [illegible] | [illegible]10.10 | 30/11/66 |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.2 |
| ชื่อDuty/วันที่ | [illegible] | | [illegible] | | [illegible] | |

หัวหน้าที่ตรวจสอบ .....[illegible]

Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 29 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | 1405 | 1.0 | 7.6 | 50.9 | มานิ | 14:00 | 29/11/23 |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | | | | | 8/12/10 | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 28 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | 1805 | 1.0 | 7.6 | 50.8 | มานัส | 13:32 | 28/11/23 |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.1 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | | | | | สมชาย | พนักงาน |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 29/11/23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | 1605 | 1.0 | 7.6 | 50.2 | [illegible] | 11:05 | 29/11/23 |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.6 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.8 |
| ชื่อDuty/วันที่ | | ส | | ส. | [illegible] | [illegible] |

หัวหน้าที่ตรวจสอบ .....

Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 26 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | 1501. | 1.0 | 7.6 | 50.8 | สมศ | 14.26 | 26/11/23 |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | สมศ | | พงษ์ศักดิ์ | | ธีรพงษ์ | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 26 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | 10 | 1.6 | 7.2 | 50.6 °C | [illegible] | 10.20 | 25/11/23 |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.6 | 7.2 | 1.5 | 7.2 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.2 | 1.5 | 7.2 | 1.5 | 7.2 |
| ชื่อDuty/วันที่ | [illegible] | | หนึ่งสกล | | [illegible] | |

หัวหน้าที่ตรวจสอบ .....

Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 24 / 11 / 61

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | 1701 | 1.0 | 7.6 | 50.9 | [illegible] | 15:00 | 24/11/61 |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.8 |
| ชื่อDuty/วันที่ | พงศกร | | ธีรพัฒ | | อิสระ | พนมวัน |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 23 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | 1108 | 1.0 | 7.6 | 50.7 | [illegible] | 11:24 | 23/11/23 |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.2 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.2 | 7.5 | 7.8 |
| ชื่อDuty/วันที่ | | | | | 8/11/10 | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 22 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | 1507 | 1.0 | 7.6 | 50.8 | สมพิน | 10.34 | 22/11/23 |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.6 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | สุ (ไม่ 2) | | อนุ | | สินธ | พรชัย |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 21 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | OV | 1.5 | 7.6 | 50.6 °C | [illegible] | 21/11/23 | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.6 | 1.5 | 7.1 | 1.6 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | [illegible] | | [illegible] | | [illegible] | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 20 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | 01 | 1.5 | 7.2 | 50.4 C | [illegible] | 11.00 | 20/11/23 |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.2 | 1.5 | 7.2 | 1.5 | 7.2 |
| Roof tank | 1.5 | 7.2 | 1.5 | 7.2 | 1.5 | 7.4 |
| ชื่อDuty/วันที่ | [illegible] | | [illegible] | | [illegible] | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 19 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | 07 | 1.5 | 7.2 | 59.9 C | [illegible] | 11.45 | 19/11/23 |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.2 | 1.5 | 7.2 | | |
| Roof tank | 1.5 | 7.2 | 1.5 | 7.2 | | |
| ชื่อDuty/วันที่ | [illegible] | | [illegible] | | | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 16 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | 1909 | 1.0 | 7.6 | 50.9 | ภาวิน | 9:57 | 16/11/23 |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.1 | 1.5 | 7.2 |
| ชื่อDuty/วันที่ | | | พงษ์ศักดิ์ | | | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 17 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | 1706 | 1.0 | 7.6 | 50.4 | วาสนา | 10:08 | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.6 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.5 | 1.5 | 7.8 |
| ชื่อDuty/วันที่ | | | | | | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 16 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | 1605 | 1.0 | 7.6 | 50.5 | ภาณุ | 11:06 | 16/11/23 |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.2 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.2 | 1.5 | 7.9 |
| ชื่อDuty/วันที่ | | | | | | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 15 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | 05 | 1.5 | 7.2 | 50.8 °C | [illegible] | 09.15 | 15/11/23 |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.2 | 1.5 | 7.2 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.2 | 1.5 | 7.2 | 1.5 | 7.8 |
| ชื่อDuty/วันที่ | [illegible] | | พงษ์ศักดิ์ | | อำนวย | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 14 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | 03 | 1.9 | 7.8 | 51.1 °C | ปอ | 10.15 | 14/11/23 |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.8 | 1.5 | 7.2 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.8 | 1.5 | 7.2 | 1.5 | 7.4 |
| ชื่อDuty/วันที่ | ปอ | | พงษ์ศักดิ์ | | สมชาย | พงษ์ศักดิ์ |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 13 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | 06 | 1.5 | 7.2 | 50.6 C | - | 10.20 | 13/11/23 |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.2 | 1.5 | 7.2 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.2 | 1.5 | 7.2 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | - | | พง5สิทธิ์ | | สิทธิ์ พงษ์ | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 12 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | 1605 | 1.0 | 7.6 | 50.4 | [illegible] | 10.36 | 12/11/23 |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.6 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | [illegible] | | [illegible] | | [illegible] | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 11/11/23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | 1502 | 1.0 | 7.6 | 50.9 | ธนวัฒน์ | 9:24. | 11/11/23 |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.2 |
| ชื่อDuty/วันที่ | | | พงษ์ศักดิ์ | | | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 10 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | 1105 | 1.0 | 7.6 | 50.4 | วิภาพร | 11:00 | 10-11-23 |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.2 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.2 | 1.5 | 7.4 |
| ชื่อDuty/วันที่ | ดา | | ธีธีพ | | สมชาย พูลปั | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 9 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | 1508 | 1.0 | 7.6 | 50.4 | [illegible] | 10:46 | 9/11/23 |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | [illegible] | | [illegible] | | [illegible] | |

หัวหน้าที่ตรวจสอบ .....

Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 8 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | 1705 | 1.0 | 7.6 | 50+ | สกนธ์ | 12:55 | 8/11/23 |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.1 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | สกนธ์ | | หนึ่งศักดิ์ | | ชัยยง | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 7 /11/ 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | 06 | 1.5 | 7.2 | 40.8 °C. | [illegible] | 11.50 | 7/11/23. |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.0 | 7.1 | 1.5 | 7.4 |
| ชื่อDuty/วันที่ | - | | พรรัตน์ | | ธนพล | พูนทรัพย์ |

หัวหน้าที่ตรวจสอบ (for) .....

Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 6 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | 10 | 1.0 | 7.1 | 49.8°C | [illegible] | 11.50 | 6/11/23 |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.8 |
| ชื่อDuty/วันที่ | [illegible] | | [illegible] | | [illegible] | [illegible] |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 05 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | 1409 | 1.0 | 7.6 | 50.9 | [illegible] | 14:34 | 5/11/23 |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.6 |
| Roof tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | [illegible] | | [illegible] | | [illegible] | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 4 / 11 / 93

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | 1905 | 1.0 | 7.6 | 50.4 | สมชาย | 9:45 | 4/11/93 |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.2 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | สมชาย | | ชัยสิทธิ์ | | พงษ์ศักดิ์ | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 3 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อ่างล้างมือ อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | 1501 | 1.0 | 7.6 | 60.4 | ดิ | 9:54 | 3/11/23 |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.6 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | | ดิ | | | | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 2/11/23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | | | | | | | |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | 409 | 1.0 | 7.6 | 50.8 | มาศิน | 10:46 | 2/11/23 |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.6 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.6 |
| ชื่อDuty/วันที่ | | | | | พงษ์ศักดิ์ | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

Hilton
SUKHUMVIT BANGKOK

วันที่ 1 / 11 / 23

# บันทึกการตรวจสอบคุณภาพน้ำโรงแรม Hilton sukumvit 24

| ชั้น/floor | เบอร์ห้อง | อ่างล้างมือ CL | อ่างล้างมือ PH | อุณหภูมิน้ำร้อน C | ชื่อ | เวลา | วันที่ |
|---|---|---|---|---|---|---|---|
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | | | | |
| 21 | | | | | | | |
| 20 | | | | | | | |
| 19 | | | | | | | |
| 18 | | | | | | | |
| 17 | 1702 | 1.0 | 7.6 | 50.4 | สมพร | 12:26 | 1/11/23 |
| 16 | | | | | | | |
| 15 | | | | | | | |
| 14 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |
| 5 | | | | | | | |

| | Morning Shift | | Afternoon Shift | | Night Shift | |
|---|---|---|---|---|---|---|
| | CL | PH | CL | PH | CL | PH |
| underground tank | 1.0 | 7.6 | 1.0 | 7.6 | 1.0 | 7.2 |
| Roof tank | 1.5 | 7.6 | 1.5 | 7.6 | 1.5 | 7.2 |
| ชื่อDuty/วันที่ | ดิ | | พงษ์ศักดิ์ | | ชัยวัฒน์ | |

หัวหน้าที่ตรวจสอบ .....
Chief Engineer or Assistant Chief Engineer

**Hilton Sukhumvit Bangkok**
**Engineering Department**
**Preventive Maintenance Master Schedule 2023**

Hilton SUKHUMVIT BANGKOK

| Item | ID | Description | Location | unit | Nov-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu |
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| | | **Fire protection** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 | Gen | Generator | 4M floor | 1 | W | | | | | | | W | | | | | | | W | | | | | | W | | | | | | | W | |
| 1.2 | FP | Engine Fir pump | Basement 5 | 1 | W | | | | | | | W | | | | | | | W | | | | | | W | | | | | | | W | |
| 1.3 | JP | Jocky pump | Basement 5 | 1 | W | | | | | | | W | | | | | | | W | | | | | | W | | | | | | | W | |
| | | **Electrical System** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1 | RMU | Ring Main Unit | 4M floor | 1 | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2 | TR1 | Transformer1 | 4M floor | 2 | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TR2 | Transformer2 | 4M floor | | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.3 | MDB1 | Main Distribution Board1 | 4M floor | 2 | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MDB2 | Main Distribution Board2 | 4M floor | | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.4 | EDB | Emergency Distribution Board | 4M floor | 1 | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.5 | CAP1 | capacitor bank1 | 4M floor | 2 | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CAP2 | capacitor bank2 | 4M floor | | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | **Load center** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26LC1 | Load Center1 | Electrical Room 26th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26LCK1 | Load Center Kitchen1 | Electrical Room 26th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26ELC1 | Emergency Load Center1 | Electrical Room 26th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB25 | Distribution Board | Electrical Room 25th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25LC1-1 | Load Center1 | Electrical Room 25th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25LC1-2 | Load Center2 | Electrical Room 25th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25ELC1-1 | Emergency Load Center1 | Electrical Room 25th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB24 | Distribution Board | Electrical Room 24th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC24-1 | Emergency Load Center1 | Electrical Room 24th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB23 | Distribution Board | Electrical Room 23rd.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC23-1 | Emergency Load Center1 | Electrical Room 23rd.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC23-2 | Emergency Load Center2 | Electrical Room 23rd.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB22 | Distribution Board | Electrical Room 22nd.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | LC22-1 | Load Center1 | Electrical Room 22nd.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC22-1 | Emergency Load Center1 | Electrical Room 22nd.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB21 | Distribution Board | Electrical Room 21st.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC21-1 | Emergency Load Center1 | Electrical Room 21st.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB20 | Distribution Board | Electrical Room 20th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | LC20 | Load Center1 | Electrical Room 20th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC20-1 | Emergency Load Center1 | Electrical Room 20th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC20-2 | Emergency Load Center2 | Electrical Room 20th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB19 | Distribution Board | Electrical Room 19th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC19-1 | Emergency Load Center1 | Electrical Room 19th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB18 | Distribution Board | Electrical Room 18th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC18-1 | Emergency Load Center1 | Electrical Room 18th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB17 | Distribution Board | Electrical Room 17th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | LC17 | Load Center1 | Electrical Room 17th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC17-1 | Emergency Load Center1 | Electrical Room 17th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC17-2 | Emergency Load Center2 | Electrical Room 17th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB16 | Distribution Board | Electrical Room 16th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC16-1 | Emergency Load Center1 | Electrical Room 16th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | EDB16 | Emergency Distribution Board | Electrical Room 16th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ULC16 | Uninterruptible Distribution Board1 | Electrical Room 16th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB15 | Distribution Board | Electrical Room 15th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC15-1 | Emergency Load Center1 | Electrical Room 15th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB14 | Distribution Board | Electrical Room 14th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | LC14 | Load Center1 | Electrical Room 14th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC14-1 | Emergency Load Center1 | Electrical Room 14th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC14-2 | Emergency Load Center2 | Electrical Room 14th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB12 | Distribution Board | Electrical Room 12nd.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC12-1 | Emergency Load Center1 | Electrical Room 12nd.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB11 | Distribution Board | Electrical Room 11st.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | LC11 | Load Center1 | Electrical Room 11st.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC11-1 | Emergency Load Center1 | Electrical Room 11st.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC11-2 | Emergency Load Center2 | Electrical Room 11st.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DB10 | Distribution Board | Electrical Room 10th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ELC10-1 | Emergency Load Center1 | Electrical Room 10th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ULC10 | Uninterruptible Distribution Board1 | Electrical Room 10th.fl. | | | | | Y | | | | | | | | | | | | | | | | | | | | | | | | | |

5/11/23

24/11/23

25/11/23

| | | |
|---|---|---|
| DB9 | Distribution Board | Electrical Room 9th.fl. |
| ELC9-1 | Emergency Load Center1 | Electrical Room 9th.fl. |
| DB8 | Distribution Board | Electrical Room 8th.fl. |
| LC8 | Load Center1 | Electrical Room 8th.fl. |
| ELC8-1 | Emergency Load Center1 | Electrical Room 8th.fl. |
| ELC8-2 | Emergency Load Center2 | Electrical Room 8th.fl. |
| DB7 | Distribution Board | Electrical Room 7th.fl. |
| ELC7-1 | Emergency Load Center1 | Electrical Room 7th.fl. |
| DB6 | Distribution Board | Electrical Room 6th.fl. |
| ELC6-1 | Emergency Load Center1 | Electrical Room 6th.fl. |
| DB5 | Distribution Board | Electrical Room 5th.fl. |
| LC5 | Load Center1 | Electrical Room 5th.fl. |
| EDB5 | Emergency Distribution Board | Electrical Room 5th.fl. |
| ELC5-1 | Emergency Load Center1 | Electrical Room 5th.fl. |
| ELC5-2 | Emergency Load Center2 | Electrical Room 5th.fl. |
| ULC5 | Uninterruptible Distribution Board1 | Electrical Room 5th.fl. |
| DB4 | Distribution Board | Electrical Room 4M.fl. |
| EDB4 | Emergency Distribution Board | Electrical Room 4M.fl. |
| ELC4M | Emergency Load Center | Electrical Room 4M.fl. |
| UPS | Uninterruptible Power Supply | Electrical Room 4M.fl. |
| 4LC1 | Load Center | Electrical Room 4th.fl. |
| 4LC1K | Load Center Kitchen | Electrical Room 4th.fl. |
| ELC4-1 | Emergency Load Center1 | Electrical Room 4th.fl. |
| 4ELC1K | Emergency Load Center Kitchen | Electrical Room 4th.fl. |
| DB3 | Distribution Board | Electrical Room 3rd.fl. |
| 3LC1K | Load Center Kitchen1 | Electrical Room 3rd.fl. |
| LC3-1 | Load Center1 | Electrical Room 3rd.fl. |
| LC3-2 | Load Center2 | Electrical Room 3rd.fl. |
| 3ELC1K | Emergency Load Center | Electrical Room 3rd.fl. |
| 3ACP1 | Aircondition Control Panel | Electrical Room 3rd.fl. |
| ULC3 | Uninterruptible Power Supply | Electrical Room 3rd.fl. |
| EDB2 | Emergency Distribution Board | Electrical Room 2nd.fl. |
| ELC2-1 | Emergency Load Center1 | Electrical Room 2nd.fl. |
| ELC2-2 | Emergency Load Center2 | Electrical Room 2nd.fl. |
| ELC2-K1 | Emergency Load Center Kitchen1 | Electrical Room 2nd.fl. |
| ELC2-K2 | Emergency Load Center Kitchen2 | Electrical Room 2nd.fl. |
| ELC2-K3 | Emergency Load Center Kitchen3 | Electrical Room 2nd.fl. |
| ULC2 | Uninterruptible Distribution Board1 | Electrical Room 2nd.fl. |
| 2EACP1 | Emergency Aircondition Control Panel | Electrical Room 2nd.fl. |
| DBG | Distribution Board | Electrical Room 1st.fl. |
| LC1-K1 | Load Center Kitchen1 | Electrical Room 1st.fl. |
| EDBG | Emergency Distribution Board | Electrical Room 1st.fl. |
| ELC1-1 | Emergency Load Center1 | Electrical Room 1st.fl. |
| ELC1-2 | Emergency Load Center2 | Electrical Room 1st.fl. |
| ELC1-3 | Emergency Load Center3 | Electrical Room 1st.fl. |
| ELC1-K1 | Emergency Load Center Kitchen1 | Electrical Room 1st.fl. |
| ULC1 | Uninterruptible Distribution Board1 | Electrical Room 1st.fl. |
| DBB1 | Distribution Board | Electrical Room B1.fl. |
| OLC1 | Outdoor Load Center1 | Electrical Room B1.fl. |
| OLC2 | Outdoor Load Center2 | Electrical Room B1.fl. |
| OLC3 | Outdoor Load Center3 | Electrical Room B1.fl. |
| LCB1 | Load Center B1 | Electrical Room B1.fl. |
| LCB1K | Load Center Kitchen B1 | Electrical Room B1.fl. |
| ACPB1 | Aircondition Control Panel | Electrical Room B1.fl. |
| EDBB1 | Emergency Distribution Board | Electrical Room B1.fl. |
| ELCB1-1 | Emergency Load Center1 | Electrical Room B1.fl. |
| ELCB1-2 | Emergency Load Center2 | Electrical Room B1.fl. |
| ELCB1-3 | Emergency Load Center3 | Electrical Room B1.fl. |
| ELCB1K | Emergency Load Center Kitchen1 | Electrical Room B1.fl. |
| EOLC1 | Emergency Outdoor Load Center1 | Electrical Room B1.fl. |
| LCB2 | Load Center1 | Electrical Room B2.fl. |
| LCB2K | Load Center Kitchen1 | Electrical Room B2.fl. |
| ELCB2 | Emergency Load Center1 | Electrical Room B2.fl. |
| ELCB2K | Emergency Load Center Kitchen1 | Electrical Room B2.fl. |
| LCB3 | Load Center1 | Electrical Room B3.fl. |
| ELCB3 | Emergency Load Center1 | Electrical Room B3.fl. |
| LCB4 | Load Center1 | Electrical Room B4.fl. |
| ELCB4 | Emergency Load Center1 | Electrical Room B4.fl. |
| HVAC | | |

2.6

116

26/11/23

27/11/23

28/11/23

| | | | | |
|---|---|---|---|---|
| | **Chill&condensor pump** | | | |
| 3.1 | PCHP-01 | PRIMARY CHILLER PUMP-01 | CHILLER ROOM 4th FLOOR | 6 |
| | PCHP-02 | PRIMARY CHILLER PUMP-02 | CHILLER ROOM 4th FLOOR | |
| | PCHP-03 | PRIMARY CHILLER PUMP-03 | CHILLER ROOM 4th FLOOR | |
| | SCHP-01 | SECONDARY CHILLER PUMP-01 | CHILLER ROOM 4th FLOOR | |
| | SCHP-02 | SECONDARY CHILLER PUMP-02 | CHILLER ROOM 4th FLOOR | |
| | SCHP-03 | SECONDARY CHILLER PUMP-03 | CHILLER ROOM 4th FLOOR | |
| 3.2 | CDP-01 | CONDENSOR PUMP-01 | CHILLER ROOM 4th FLOOR | 3 |
| | CDP-02 | CONDENSOR PUMP-02 | CHILLER ROOM 4th FLOOR | |
| | CDP-03 | CONDENSOR PUMP-03 | CHILLER ROOM 4th FLOOR | |
| 3.3 | CT-01 | COOLING TOWER-01 | CHILLER ROOM 4th FLOOR | 3 |
| | CT-02 | COOLING TOWER-02 | CHILLER ROOM 4th FLOOR | |
| | CT-03 | COOLING TOWER-03 | CHILLER ROOM 4th FLOOR | |
| | **AHU** | | | |
| 3.4 | PAU - 2 - 02 | PRE COOLED FRESH AIR 2-02 | ASIA COOKING 2nd FLOOR | 8 |
| | PAU - 2 - 03 | PRE COOLED FRESH AIR 2-03 | GRILL COOKING 2nd FLOOR | |
| | AHU - 3 - 01 | AIR HANDLING UNIT 3-01 | PRE - FUNCTION & CORRIDOR 3rd FLOOR | |
| | AHU - 3 - 02 | AIR HANDLING UNIT 3-02 | MEETING ROOM 3rd FLOOR | |
| | AHU - 3 - 03 | AIR HANDLING UNIT 3-03 | BULK COOKING / FOOD STORE 3rd FLOOR | |
| | AHU - 4 - 01 | AIR HANDLING UNIT 4-01 | EXECUTIVE LOUNGE 4th FLOOR | |
| | AHU - 4 - 02 | AIR HANDLING UNIT 4-02 | EXECUTIVE LOUNGE 4th FLOOR | |
| | AHU - 4 - 03 | AIR HANDLING UNIT 4-03 | CHILLER PLANT 4th FLOOR | |
| | **FCU** | | | |
| 3.5 | FCU-14-16 | FAN COIL UNIT 14-16 | PANTRY 14th FLOOR | 37 |
| | FCU-12-19 | FAN COIL UNIT 12-19 | PANTRY 12th FLOOR | |
| | FCU-11-19 | FAN COIL UNIT 11-19 | PANTRY 11th FLOOR | |
| | FCU-10-19 | FAN COIL UNIT 10-19 | PANTRY 10th FLOOR | |
| | FCU-9-19 | FAN COIL UNIT 9-19 | PANTRY 9th FLOOR | |
| | FCU-8-19 | FAN COIL UNIT 8-19 | PANTRY 8th FLOOR | |
| | FCU-7-19 | FAN COIL UNIT 7-19 | PANTRY 7th FLOOR | |
| | FCU-6-19 | FAN COIL UNIT 6-19 | PANTRY 6th FLOOR | |
| | FCU-5-19 | FAN COIL UNIT 5-19 | PANTRY 5th FLOOR | |
| | FCU-4M-01 | FAN COIL UNIT 4M-01 | ISM ROOM 4M FLOOR | |
| | FCU-4M-02 | FAN COIL UNIT 4M-02 | IT ROOM 4M FLOOR | |
| | FCU-4M-03 | FAN COIL UNIT 4M-03 | SEVER ROOM 4M FLOOR | |
| | FCU-4M-04 | FAN COIL UNIT 4M-04 | EXECUTIVE CHEF 4M FLOOR | |
| | FCU-4M-05 | FAN COIL UNIT 4M-05 | CLINIC ROOM 4M FLOOR | |
| | FCU-4M-06 | FAN COIL UNIT 4M-06 | | |
| | FCU-4M-07 | FAN COIL UNIT 4M-07 | TRANSFORMER ROOM 4M FLOOR | |
| | FCU-4M-08 | FAN COIL UNIT 4M-08 | TRANSFORMER ROOM 4M FLOOR | |
| | CDU-4M-10 | FAN COIL UNIT 4M-10 | STORAGE ROOM 4M FLOOR | |
| | FCU-4-01 | FAN COIL UNIT 4-01 | FRONT LIFT 4th FLOOR | |
| | FCU-4-02 | FAN COIL UNIT 4-02 | BUFFET LINE 4th FLOOR | |
| | FCU-4-03 | FAN COIL UNIT 4-05 | STEWARD ROOM 4th FLOOR | |
| | FCU-3-01 | FAN COIL UNIT 3-01 | FEMALE TIOLET 3rd FLOOR | |
| | FCU-3-02 | FAN COIL UNIT 3-02 | MALE TIOLET 3rd FLOOR | |
| | FCU-3-03 | FAN COIL UNIT 3-03 | BANQUEST ROOM 3rd FLOOR | |
| | FCU-3-04 | FAN COIL UNIT 3-04 | BANQUEST ROOM 3rd FLOOR | |
| | FCU-2-01 | FAN COIL UNIT 2-01 | STUDY ROOM 2nd FROOR | |
| | FCU-2-02 | FAN COIL UNIT 2-02 | STUDY ROOM 2nd FROOR | |
| | FCU-2-03 | FAN COIL UNIT 2-03 | STUDY ROOM 2nd FROOR | |
| | FCU-2-04 | FAN COIL UNIT 2-04 | STUDY ROOM 2nd FROOR | |
| | FCU-2-05 | FAN COIL UNIT 2-05 | SMALL MEETING ROOM 2nd FLOOR | |
| | FCU-2-06 | FAN COIL UNIT 2-06 | SMALL MEETING ROOM 2nd FLOOR | |
| | FCU-2-07 | FAN COIL UNIT 2-07 | FEMALE TIOLET 2nd FLOOR | |
| | FCU-2-08 | FAN COIL UNIT 2-08 | MALE TIOLET 2nd FLOOR | |
| | FCU-2-10 | FAN COIL UNIT 2-10 | DISHWASHER ROOM 2nd FLOOR | |
| | FCU-2-11 | FAN COIL UNIT 2-11 | STORE BEVERAGE 2nd FLOOR | |
| | FCU-2-12 | FAN COIL UNIT 2-12 | BUFFET LINE 2nd FLOOR | |
| | FCU-2-13 | FAN COIL UNIT 2-13 | BEVERAGE ROOM 2nd FLOOR | |
| | **EXHUAST FAN** | | | |
| | EF-4M-01 | EXHUAST FAN | PLAN ROOM 4M FLOOR | |
| | EF-4M-02 | EXHUAST FAN | PLAN ROOM 4M FLOOR | |
| | EF-4M-03 | EXHUAST FAN | ENGINEER OPERATION OFFICE 4M FLOOR | |
| | EF-4-03 | EXHUAST FAN | CHILLERS ROOM 4th FLOOR | |
| | EF-4-04 | EXHUAST FAN | CHILLERS ROOM 4th FLOOR | |
| | KEF-3-01 | KITCHEN EXHAUST FAN | BANQUET KITCHEN 3rd Floor | |
| | KEF-3-02 | KITCHEN EXHAUST FAN | BULK COOKING / FOOD STORE 3rd Floor | |
| | MKF-3-01 | MAKE UP KITCHEN FAN | BANQUET KITCHEN 3rd Floor | |
| | KEF-2-01 | KITCHEN EXHAUST FAN | PASTA COOKING 2nd FLOOR | |

21/11/23

| | | | | |
|---|---|---|---|---|
| 3.6 | KEF-2-02 | KITCHEN EXHAUST FAN | ASIAN COOKING 2nd FLOOR | 27 |
| | KEF-2-03 | KITCHEN EXHAUST FAN | GRILL COOKING 2nd FLOOR | |
| | KEF-2-04 | KITCHEN EXHAUST FAN | PIZZA OVEN 2nd FLOOR | |
| | KEF-2-05 | KITCHEN EXHAUST FAN | WINE STORE ROOM 2nd FLOOR | |
| | KEF-2-06 | KITCHEN EXHAUST FAN | BAKING AREA 2nd FLOOR | |
| | MKF-2-01 | KITCHEN EXHAUST FAN | PASTA COOKING 2nd FLOOR | |
| | KEF-1-01 | KITCHEN EXHAUST FAN | TAPAS BAR & SHOW KITCHEN 1st FLOOR | |
| | MKF-1-01 | MAKE UP KITCHEN FAN | CONTROL ROOM 1st FLOOR | |
| | EF-B1-14 | EXHUAST FAN | CAR PARK B1th FLOOR | |
| | FF-B2-01 | FRESH AIR FAN | CAR PARK B2th FLOOR | |
| | EF-B2-01 | EXHUAST FAN | FAN ROOM B2 FLOOR | |
| | EF-B2-02 | EXHUAST FAN | STORE ENGINEER B2 FLOOR | |
| | EF-B2-03 | EXHUAST FAN | STORE ENGINEER B2 FLOOR | |
| | EF-B3-01 | EXHUAST FAN | FAN ROOM B3 FLOOR | |
| | EF-B3-04 | EXHUAST FAN | CAR PARK B3th FLOOR | |
| | FF-B4-01 | FRESH AIR FAN | CAR PARK B4th FLOOR | |
| | EF-B4-01 | EXHUAST FAN | FAN ROOM B4 FLOOR | |
| | EF-B5-01 | EXHUAST FAN | ENGINEER WORK SHOP B5th FLOOR | |
| | **Air Pressurization Fan** | | | |
| 3.7 | PF-R-01 | Pressurized Fan No.01 | 1st floor | 1 |
| | **Water System** | | | |
| 4.1 | CWP-01 | Cold water pump | Pump Room B5 | 2 |
| | CWP-02 | Cold water pump | Pump Room B5 | |
| | **Booster pump** | | | |
| 4.2 | PBS -01 | Package cold water booster pump | Pump Room B5 | 6 |
| | PBS -02 | Package cold water booster pump | Pump Room B5 | |
| | PBS -03 | Package cold water booster pump | Pump Room B5 | |
| | PBS -04 | Package cold water booster pump | Pump room 25A | |
| | PBS -05 | Package cold water booster pump | Pump room 25A | |
| | PBS -06 | Package cold water booster pump | Pump room 25A | |
| | **Hot Water Return Pump** | | | |
| 4.3 | HWRP -01 | Hot water return pump | Pantry FL 15 | 18 |
| | HWRP -02 | Hot water return pump | Pantry FL 15 | |
| | HWRP -03 | Hot water return pump | Pantry FL 10 | |
| | HWRP -04 | Hot water return pump | Pantry FL 10 | |
| | HWRP -05 | Hot water return pump | Pantry FL 4 M | |
| | HWRP -06 | Hot water return pump | Pantry FL 4 M | |
| | HWRP -07 | Hot water return pump | Pantry FL 4 M | |
| | HWRP -08 | Hot water return pump | Pantry FL 4 M | |
| | HWRP -09 | Hot water return pump | Pantry FL 03 | |
| | HWRP -10 | Hot water return pump | Pantry FL 03 | |
| | HWRP -11 | Hot water return pump | Pantry FL 02 | |
| | HWRP -12 | Hot water return pump | Pantry FL 02 | |
| | HWRP -13 | Hot water return pump | Pantry FL 01 | |
| | HWRP -14 | Hot water return pump | Pantry FL 01 | |
| | HWRP -15 | Hot water return pump | Pantry FL B3 | |
| | HWRP -16 | Hot water return pump | Pantry FL B3 | |
| | HWRP -17 | Hot water return pump | Pantry FL 20 | |
| | HWRP -18 | Hot water return pump | Pantry FL 20 | |
| | **PRV** | | | |
| 4.4 | PRV 01-20 | Pressure Reducing Valve cold water | water riser FL 20 | 11 |
| | PRV 02-20 | Pressure Reducing Valve hot water | water riser FL 20 | |
| | PRV 03-15 | Pressure Reducing Valve cold water | water riser FL 15 | |
| | PRV 04-15 | Pressure Reducing Valve hot water | water riser FL 15 | |
| | PRV 05-09 | Pressure Reducing Valve cold water | water riser FL 9 | |
| | PRV 06-09 | Pressure Reducing Valve hot water | water riser FL 9 | |
| | PRV 07-04 | Pressure Reducing Valve cold water | water riser FL 4 | |
| | PRV 08-04 | Pressure Reducing Valve hot water | water riser FL 4 | |
| | PRV 01-G | Pressure Reducing Valve cold water | water riser 1st floor | |
| | PRV 02-G | Pressure Reducing Valve hot water | water riser 1st floor | |
| | PRV B5 | Pressure Reducing Valve cold water | pump room B5 | |
| | **Sanitary** | | | |
| | **Drain Pump & submersible pump** | | | |
| 5.1 | DP -01 | Drainage pump | Drainage sump pit#1 (B5) | 10 |
| | DP -02 | Drainage pump | Drainage sump pit#1 (B5) | |
| | DP -03 | Drainage pump | Drainage sump pit#2 (B5) | |
| | DP -04 | Drainage pump | Drainage sump pit#2 (B5) | |
| | DP -05 | Drainage pump | Drainage sump pit#3 (B4) | |
| | DP -06 | Drainage pump | Drainage sump pit#3 (B4) | |

14/11/23

8/11/23

15/11/23

| | | | | |
|---|---|---|---|---|
| | DP -07 | Drainage pump | Drainage sump pit#4 (B4) | |
| | DP -08 | Drainage pump | Drainage sump pit#4 (B4) | |
| | DP -09 | Drainage pump | Drainage sump pit#5 (1 FL.) | |
| | DP -10 | Drainage pump | Drainage sump pit#5 (1 FL.) | |
| | **Waste Treatment Plant** | | | |
| | MJA-01 | Mixe Jet Aerator-01 | Green Wall | |
| | MJA-02 | Mixe Jet Aerator-02 | Green Wall | |
| | MJA-03 | Mixe Jet Aerator-03 | Green Wall | |
| | MJA-04 | Mixe Jet Aerator-04 | Green Wall | |
| | RCP-01 | Effluent Sludge Pump-01 | Green Wall | |
| | RCP-02 | Effluent Sludge Pump-02 | Green Wall | |
| 5.2 | RCP-03 | Effluent Sludge Pump-03 | Green Wall | 13 |
| | RCP-04 | Effluent Sludge Pump-04 | Green Wall | |
| | SLP-01 | Return Circurate Pump-01 | Green Wall | |
| | SLP-02 | Return Circurate Pump-02 | Green Wall | |
| | EFP-01 | Effluent Pump-01 | Green Wall | |
| | EFP-02 | Effluent Pump-02 | Green Wall | |
| | EFP-03 | Effluent Pump-03 | Green Wall | |

6/11/23

Total unit 272

| | | | |
|---|---|---|---|
| Y | Yearly Maintenance | M | Monthly Maintenance |
| S | Semi half year | W | Weekly Maintenance |
| Q | Quaterly Maintenance | 2 | 2 month |


| | | | |
|---|---|---|---|
| Y | Yearly Maintenance | M | Monthly Maintenance |
| S | Semi half year | W | Weekly Maintenance |
| Q | Quaterly Maintenance | 2 | 2 month |