



บริษัท ชัน อิเล็กทริก แอนด์ ซัพพลาย จำกัด
SUN ELECTRIC AND SUPPLY COMPANY LIMITED

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31-33 ซ.พิพัฒนา 1 ถนนสุขุมวิท ต.ศรีราชา อ.ศรีราชา จ.ชลบุรี 20110

FOR

Owner : โรงพยาบาลสิริเวชจันทบุรี (ตึก A)
Project : ตรวจสอบระบบไฟฟ้าประจำปี พ.ศ. 2568
Date : 29 เมษายน 2568

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	- MAIN DISTRIBUTION
	- CAPACITOR BANK
CHAPTER 3	GROUNDING SYSTEM TEST REPORT
CHAPTER 4	THERMO SCAN REPORT
CHAPTER 5	CALIBRATION TEST

SUMMARY REPORT

PROBLEM AND SOLUTION REPORT

	Summary of Preventive Maintenance			
รายงานการตรวจ	ปกติ	ผิดปกติ	ข้อเสนอแนะ	ปัญหาที่พบขณะตรวจสอบ
1 ระบบไฟฟ้าแรงต่ำ 1.1 สายแรงต่ำ 1.2 วิธีเดินสาย 1.3 อุณหภูมิสาย 1.4 ลักษณะการติดตั้ง 1.5 DB 1.6 อื่น ๆ	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	- ตู้ A1/4 พบจุดต่อสายหลวม แก้ไขโดยใช้สลিপต่อสายใหม่ - ตู้ A2/1E เดินสายเมน ไม่ถูกต้อง ตามมาตรฐาน - ตู้ A3/1 เป็นสนิม - ตู้ A6/2 สายนิวทรัล อุณหภูมิสูงผิดปกติ - ตู้ A1/1,A1/2,A1/3,A1/4,A1/5E,A2/2,A2/3,A2/4,A3/2,A3/3,A3/4,A3/5,A3/6,A3/7,A3/8E,A3/9,A3/10,A4/1,A4/2,A4/3E,A5/1,A5/2,A5/3E,A6/1,A6/2,A6/3E,A7/1,A7/2,A7/3E,A8/1 ไม่มี กราวด์ฝาตู้ - ตู้ A1/3,A1/4,A1/5E,A2/2,A2/3,A2/4,A3/6,A3/7,A3/8E,A4/1,A4/2,A4/3E,A5/1,A5/2,A5/3E,A6/1,A6/2,A6/3E,A7/1,A7/2,A7/3E,A8/1 ไม่มี บาร์กราวด์ - ตู้ DB อาคารA ชั้น 1-8 เป็นตู้รุ่นเก่าไม่มีบาร์กราวด์และเบรกเกอร์ถูกย่อยส่วนใหญ่ เสื่อมสภาพหาซื้อเปลี่ยนได้ยากและไม่แบ่งบอกสถานะเวลาดัดการทำงาน
2 Main distribution board MDB 1 2.1 บริเวณการติดตั้ง 2.2 Main circuit breaker 2.3 Phase Protection 2.4 Monitor 2.5 Capacitor 2.6 อุณหภูมิ 2.7 แสงสว่างภายใน 2.8 ระบบ ground 2.9 อื่น ๆ	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓	- ลูกถ้วยยึด Busbar แตก - เบรกเกอร์ ชำรุด และ เสื่อมสภาพ - Capacitor Bank Step 1-6 ไม่มีฟิวส์ - ไม่มี Capacitor Bank Step 4,5,6 - ตู้ CAPACITOR BANK-1 ยกเลิกใช้งาน - ควรเปลี่ยนตู้ MDB 1
3 Main distribution board MDB 2 3.1 บริเวณการติดตั้ง 3.2 Main circuit breaker 3.3 Phase Protection 3.4 Monitor 3.5 Capacitor 3.6 อุณหภูมิ 3.7 แสงสว่างภายใน 3.8 ระบบ ground 3.9 อื่น ๆ	✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓	✓	- VOLT Meter มีรอยไหม้ - Wire Duct และสาย Control มีรอยไหม้ - Power Factor control ไม่แสดงผล - FEEDER 3 เบรกเกอร์แตก - ควรเปลี่ยนตู้ MDB 2

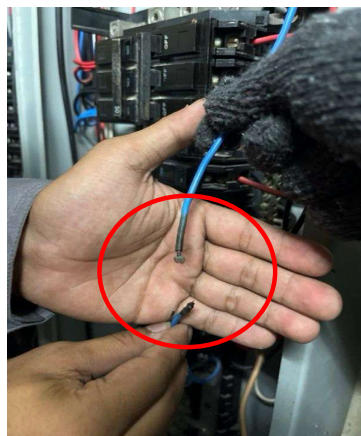
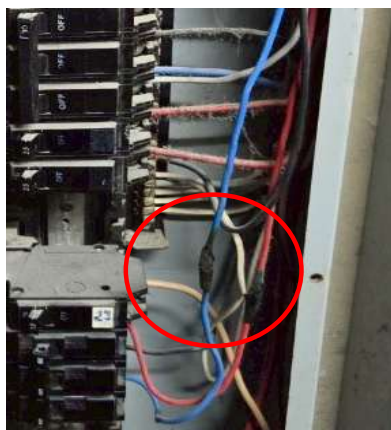


PROBLEM AND SOLUTION

1.5

ตู้ A1/4

BEFORE



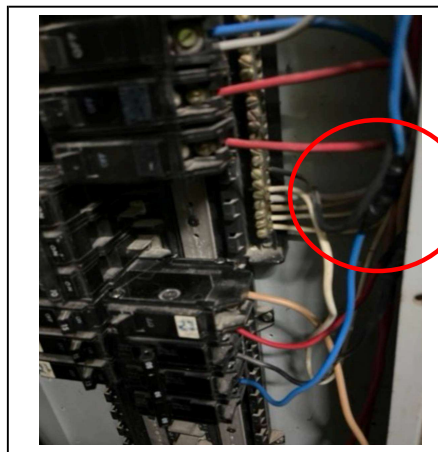
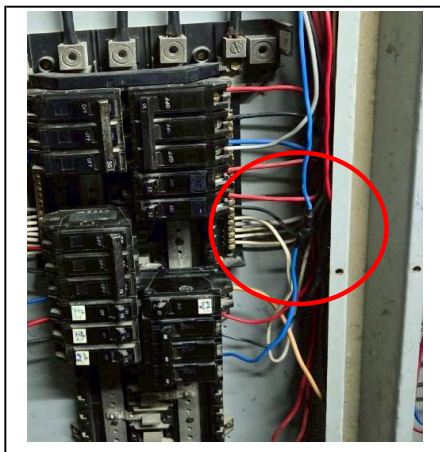
ปัญหาที่พบก่อนการแก้ไข

- พบจุดต่อสายหลวม

ข้อเสนอแนะ

- ต่อสายใหม่

AFTER



หลังการแก้ไข

- แก้ไขโดยใช้สลิปต่อสายใหม่

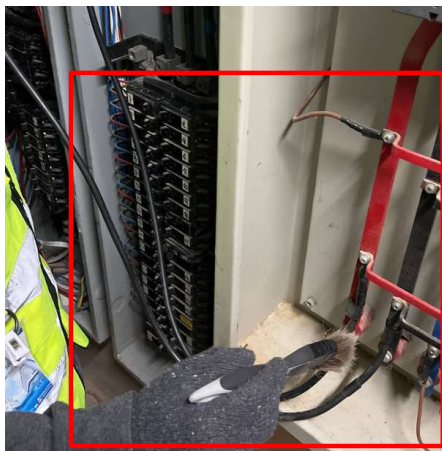


PROBLEM AND SOLUTION

1.5

ตู้ A2/1E

BEFORE



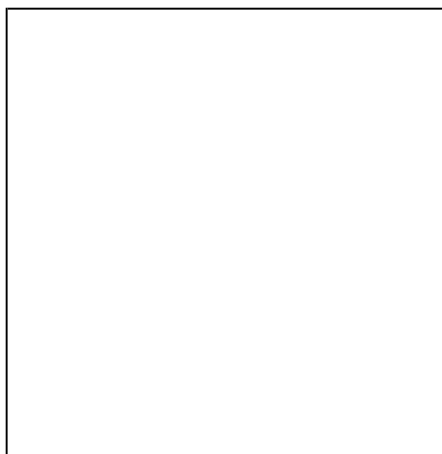
ปัญหาที่พบก่อนการแก้ไข

- เดินสายเมน ไม่ถูกต้อง ตามมาตรฐาน

ข้อเสนอแนะ

- ควรเดินสายเมน ให้ถูกต้อง ตามมาตรฐาน

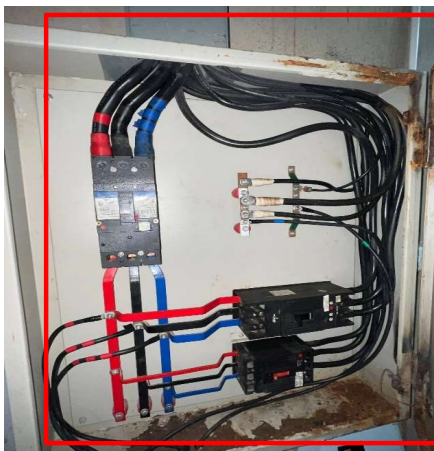
AFTER



หลังการแก้ไข

ตู้ A3/1

BEFORE



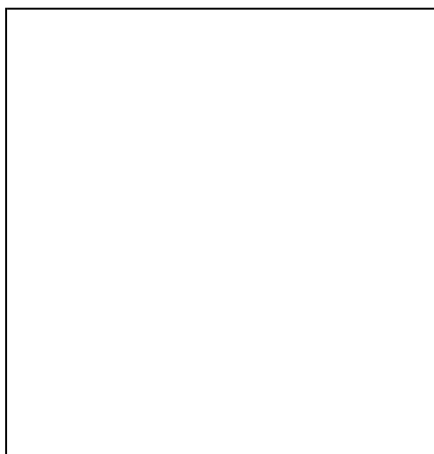
ปัญหาที่พบก่อนการแก้ไข

- ตู้ เป็นสนิม

ข้อเสนอแนะ

- ควรเปลี่ยนตู้

AFTER



หลังการแก้ไข

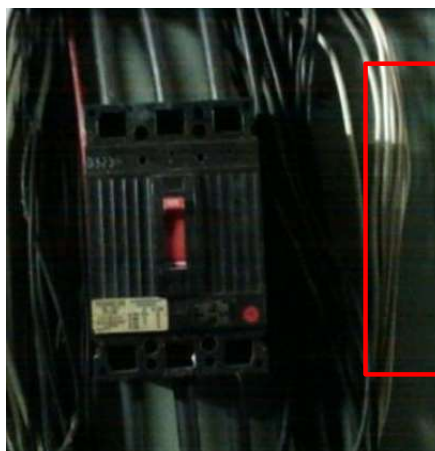
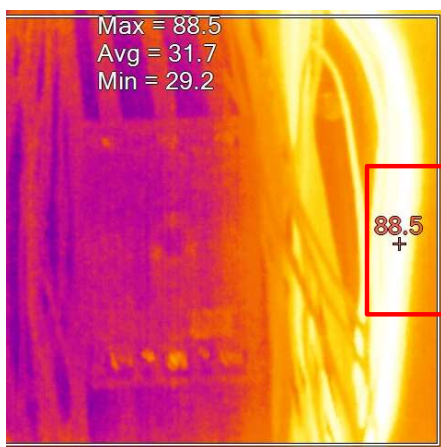


PROBLEM AND SOLUTION

1.5

ตู้ A6/2

BEFORE



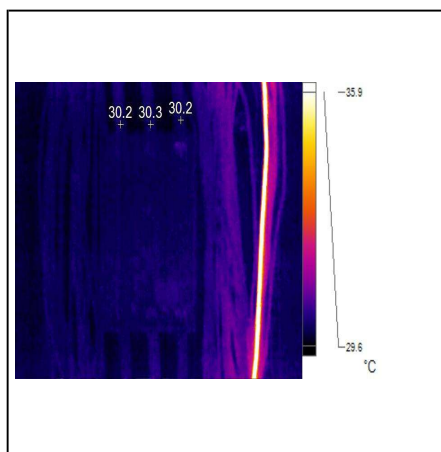
ปัญหาที่พบก่อนการแก้ไข

- สายนิวทรีล อุณหภูมิสูงผิดปกติ

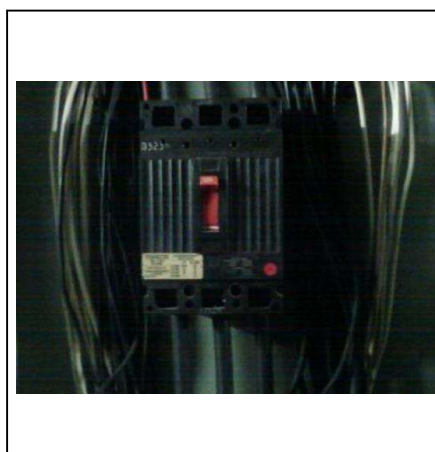
ข้อเสนอแนะ

- ควรแยกวงจรนิวทรีล ออกจากกัน

AFTER



AFTER



หลังการแก้ไข

	PROBLEM AND SOLUTION	1.5
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ตู้ A1/1,A1/2,A1/3,A1/4,A1/5E,A2/2,A2/3,A2/4,A3/2,A3/3,
 A3/4,A3/5,A3/6,A3/7,A3/8E,A3/9,A3/10,A4/1,A4/2,A4/3E,
 A5/1,A5/2,A5/3E,A6/1,A6/2,A6/3E,A7/1,A7/2,A7/3E,A8/1

BEFORE



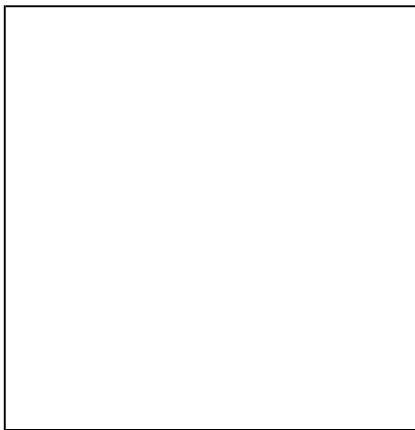
ปัญหาที่พบก่อนการแก้ไข

- ไม่มี กราวด์ฟลัดด์

ข้อเสนอแนะ

- ควรติดตั้ง กราวด์ฟลัดด์

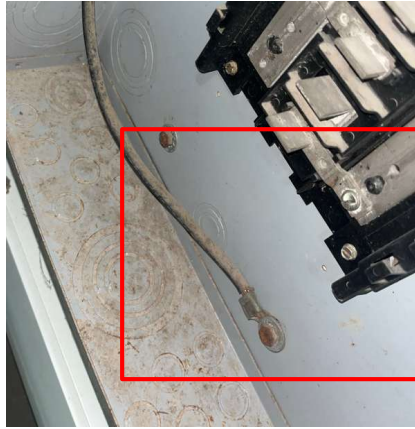
AFTER



หลังการแก้ไข

ตู้ A1/3,A1/4,A1/5E,A2/2,A2/3,A2/4,A3/6,A3/7,A3/8E,A4/1,
 A4/2,A4/3E,A5/1,A5/2,A5/3E,A6/1,A6/2,A6/3E,A7/1,A7/2,
 A7/3E,A8/1

BEFORE



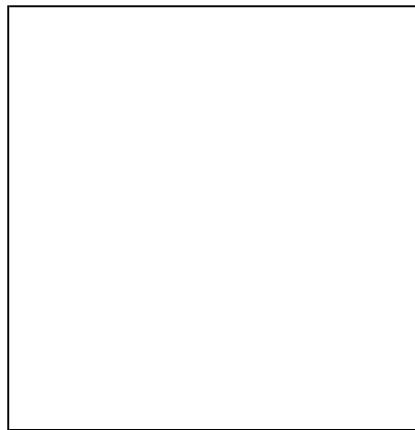
ปัญหาที่พบก่อนการแก้ไข

- ไม่มี บาร์กราวด์

ข้อเสนอแนะ

- ควรติดตั้ง บาร์กราวด์

AFTER



หลังการแก้ไข



PROBLEM AND SOLUTION

1.5

ตู้ DB อาคาร A ชั้น 1-8

BEFORE



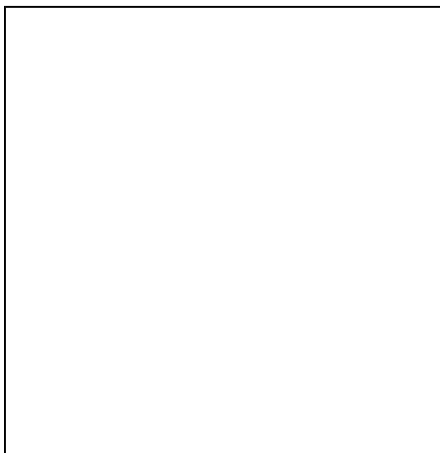
ปัญหาที่พบก่อนการแก้ไข

- เป็นตู้รุ่นเก่า ไม่มีบาร์กราวด์และเบรกเกอร์ลูดย่อย
ส่วนใหญ่เสื่อมสภาพอีกทั้งยังหาซื้อเปลี่ยนได้ยาก

ข้อเสนอแนะ

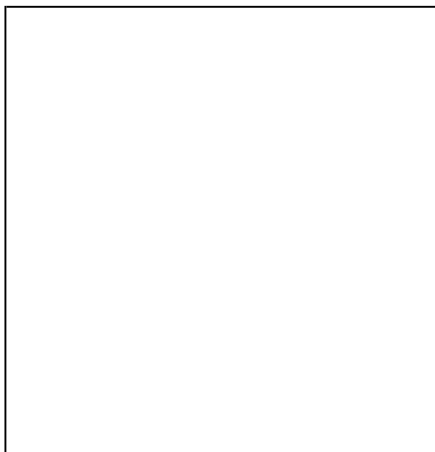
- เปลี่ยนตู้ใหม่

AFTER



หลังการแก้ไข

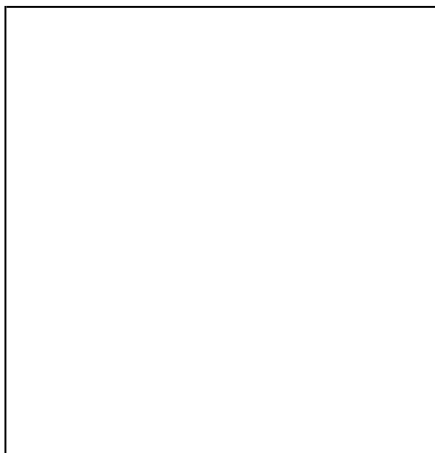
BEFORE



ปัญหาที่พบก่อนการแก้ไข

ข้อเสนอแนะ

AFTER



หลังการแก้ไข



ตู้ MDB 1

BEFORE



ปัญหาที่พบก่อนการแก้ไข

- ตู้ MDB 1 เบรกเกอร์ ชำรุด และ เสื่อมสภาพ

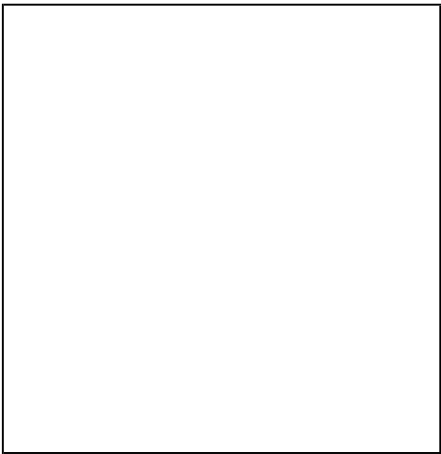
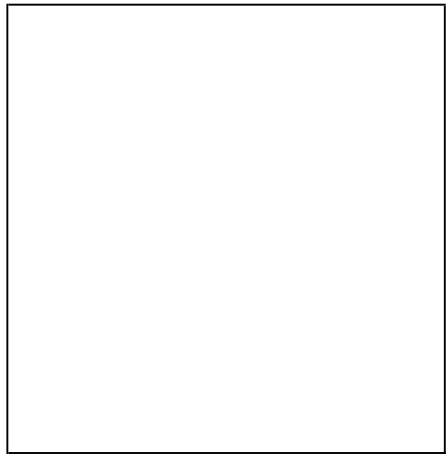
- ลูกถ้วยยึด Busbar แตก

ข้อเสนอแนะ

- ควรเปลี่ยน เบรกเกอร์

- ควรเปลี่ยนลูกถ้วยยึด Busbar

AFTER



หลังการแก้ไข

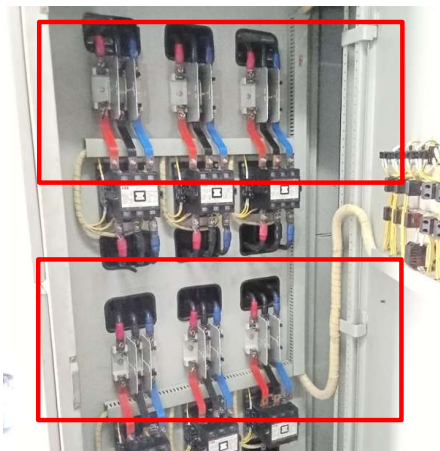


PROBLEM AND SOLUTION

2.5

ตู้ CAPACITOR BANK-1

BEFORE



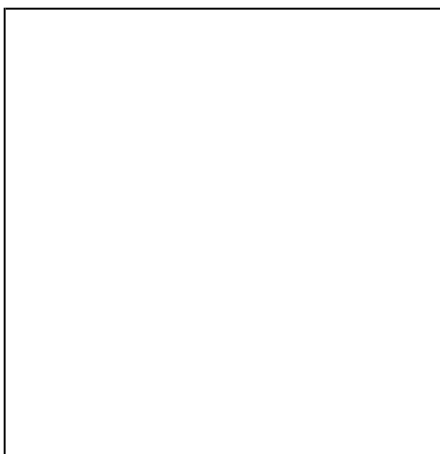
ปัญหาที่พบก่อนการแก้ไข

- Capacitor Bank Step 1-6 ไม่มีฟิวส์
- ตู้ CAPACITOR BANK-1 ยกเลิกใช้งาน

ข้อเสนอแนะ

- ควรติดตั้ง ฟิวส์

AFTER



หลังการแก้ไข

BEFORE



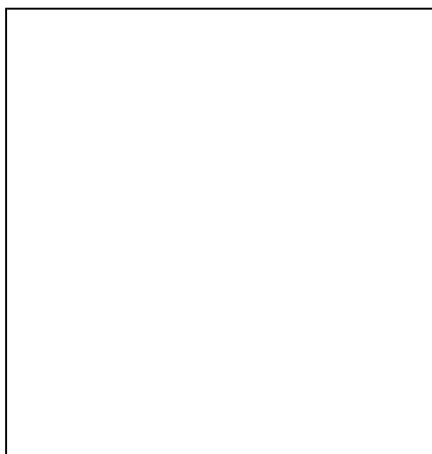
ปัญหาที่พบก่อนการแก้ไข

- ไม่มี Capacitor Bank Step 4,5,6

ข้อเสนอแนะ

- ควรติดตั้ง Capacitor Bank Step 4,5,6

AFTER



หลังการแก้ไข

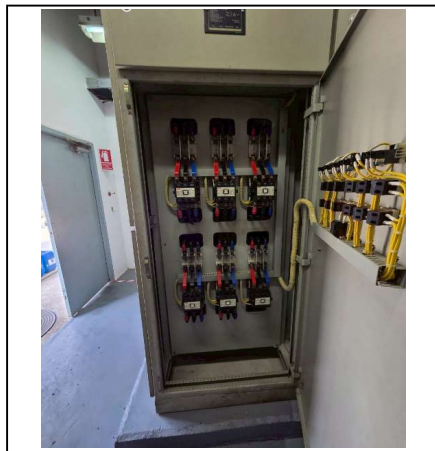
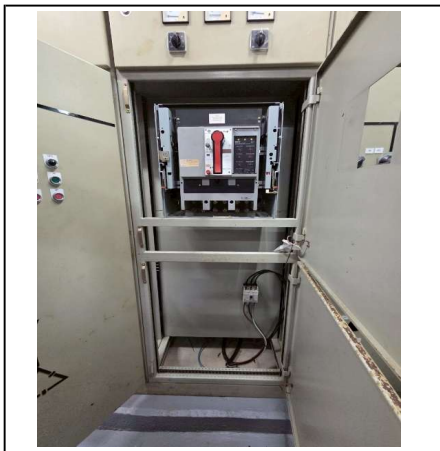


PROBLEM AND SOLUTION

2.9

ตู้ MDB1

BEFORE



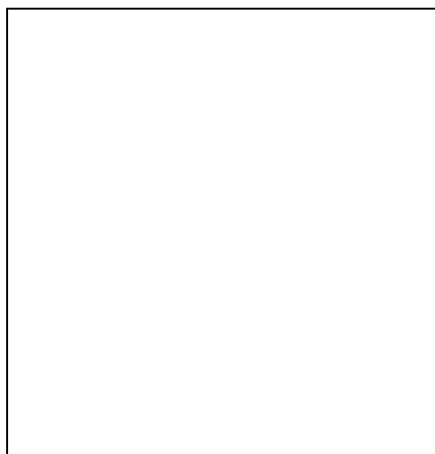
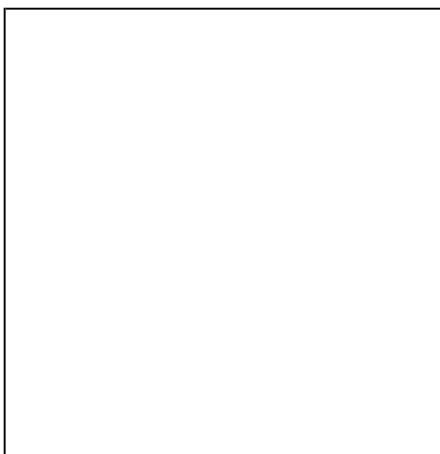
ปัญหาที่พบก่อนการแก้ไข

- อุปกรณ์ภายในตู้ชำรุดหลายจุดและเป็นรื้อเก่า

ข้อเสนอแนะ

- เปลี่ยนตู้ใหม่

AFTER



หลังการแก้ไข

หลังการแก้ไข



PROBLEM AND SOLUTION

3.4

ตู้ MDB 2

BEFORE



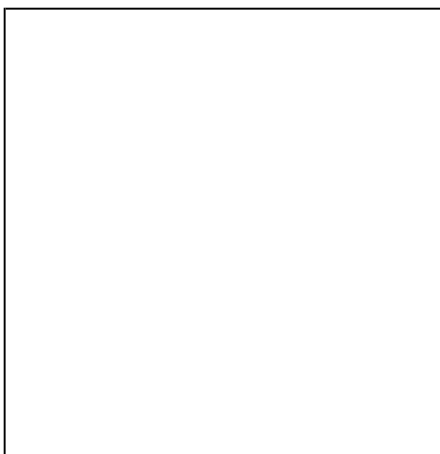
ปัญหาที่พบก่อนการแก้ไข

- Wire Duct และสาย Control มีรอยไหม้

ข้อเสนอแนะ

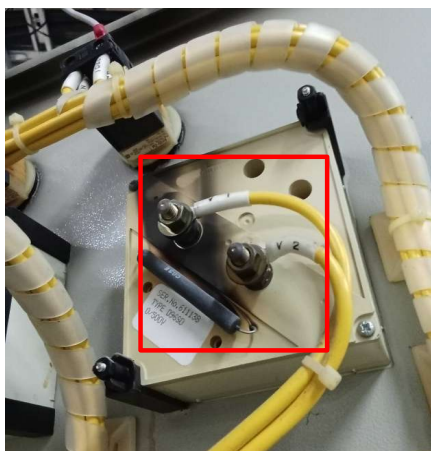
- ควรแก้ไขหรือเปลี่ยน Wire Duct และสาย Control

AFTER



หลังการแก้ไข

BEFORE



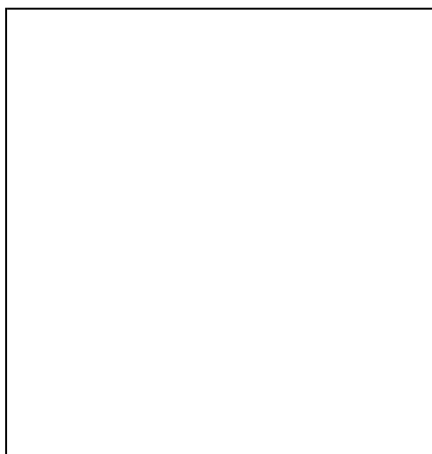
ปัญหาที่พบก่อนการแก้ไข

- VOLT Meter มีรอยไหม้

ข้อเสนอแนะ

- ควรเปลี่ยน VOLT Meter

AFTER



หลังการแก้ไข



PROBLEM AND SOLUTION

3.5,3.9

3.5 ตู้ CAPACITOR BANK-2

BEFORE



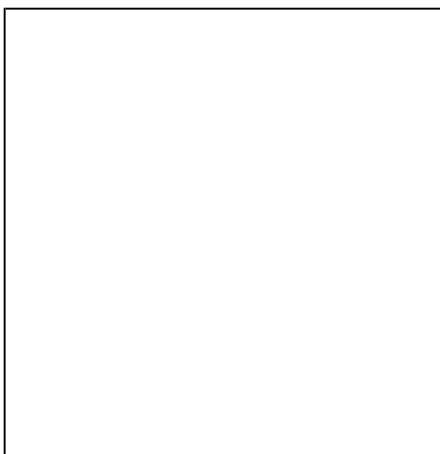
ปัญหาที่พบก่อนการแก้ไข

- Power Factor control ไม่แสดงผล

ข้อเสนอแนะ

- ควรเปลี่ยน Power Factor control

AFTER



หลังการแก้ไข

3.9 ตู้ MDB 2

BEFORE



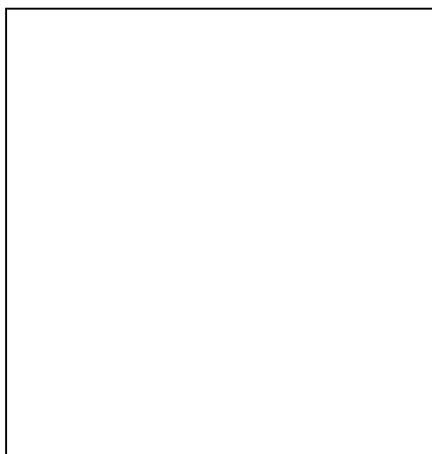
ปัญหาที่พบก่อนการแก้ไข

- FEEDER 3 เบรกเกอร์แตก

ข้อเสนอแนะ

- ควรเปลี่ยน เบรกเกอร์

AFTER



หลังการแก้ไข

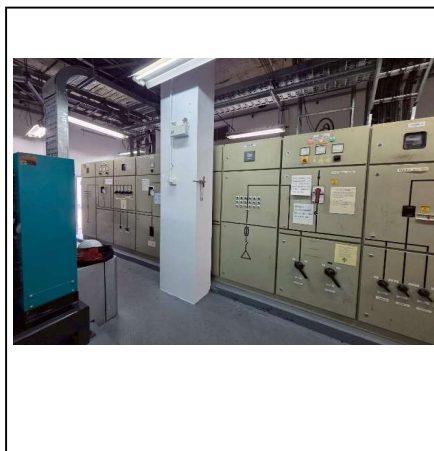


PROBLEM AND SOLUTION

3.9

ตู้ MDB2

BEFORE



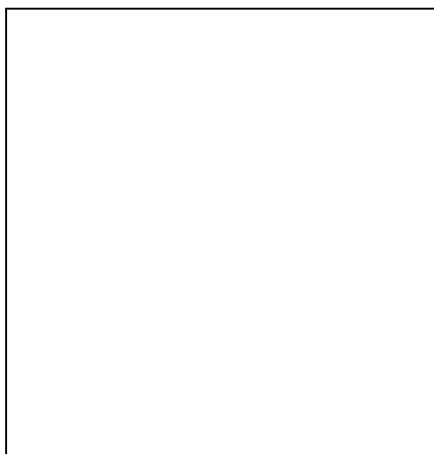
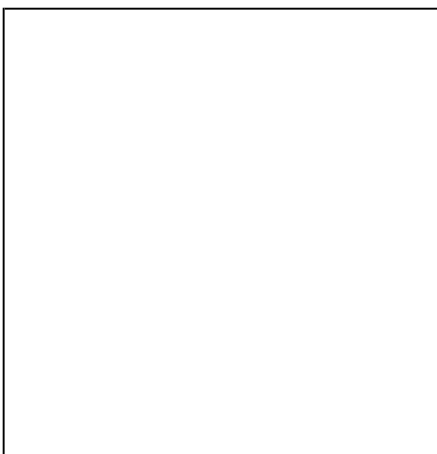
ปัญหาที่พบก่อนการแก้ไข

- อุปกรณ์ภายในตู้ชำรุดหลายจุดและเป็นรื้อเก่า

ข้อเสนอแนะ

- เปลี่ยนตู้ใหม่

AFTER



หลังการแก้ไข

หลังการแก้ไข

LOW VOLTAGE EQUIPMENT TEST REPORT

- MAIN DISTRIBUTION

	MDB	MDB1
---	-----	------

MDB/DB NAME : MDB 1

LOCATION : ตู้ควบคุมไฟระบบ

1. VISUAL INSPECTION

- Check panel support and door	Normal	
- Complete assembly	Normal	
- Tightness of fitting bolt	Normal	
- Lamp , Name plate and cleanliness	Normal	
- Wiring connection	Normal	
- Earthing connection	Normal	
- Accessories check	Normal	
- Control cable , cable number	Normal	
- Lighting ,Emergency light	Normal	



2. METERING INSTRUMENT CHECK

- Voltmeter check	Not checked	
- Ampmeter check	Not checked	
- Volt selector check	Not checked	
- Amp selector check	Not checked	
- Pilot lamp check	Not checked	
- Fuse control check	Not checked	
- Push button check	Not checked	
- Power meter check	Not checked	
- Watt-hour meter check	Not checked	
- Digital multimeter check	Not checked	
- Phase protection	Not checked	

3. GROUND TEST

3.1 Bar grounding point : 0.63 Ω RESULT : Passed

4. REFERENCE FOR USED INSTRUMENT

4.1 Insulation-continuity tester

Manufacturer : KYORITSU Type : 3005A

4.2 Earth tester

Manufacturer : KYORITSU Type : KEW 4105A

5. COMMENT

- ตู้ MDB 1 เบรกเกอร์ ชำรุด และ เสื่อมสภาพ

- ลูกถ้วยยึด Busbar แตก



Cleanliness



ACB



Earthing connection



Tightness of fitting bolt



BEFORE



BEFORE



Mark the nut after tightening



AFTER



AFTER

	MDB	MDB2
---	-----	------

MDB/DB NAME : MDB 2

LOCATION : ตู้ควบคุมไฟระบบ

1. VISUAL INSPECTION

- Check panel support and door	Normal	
- Complete assembly	Normal	
- Tightness of fitting bolt	Normal	
- Lamp , Name plate and cleanliness	Normal	
- Wiring connection	Normal	
- Earthing connection	Normal	
- Accessories check	Normal	
- Control cable , cable number	Normal	
- Lighting ,Emergency light	Normal	



2. METERING INSTRUMENT CHECK

- Voltmeter check	Normal	
- Ampmeter check	Normal	
- Volt selector check	Normal	
- Amp selector check	Normal	
- Pilot lamp check	Normal	
- Fuse control check	Normal	
- Push button check	N/A	
- Power meter check	N/A	
- Watt-hour meter check	Normal	
- Digital multimeter check	N/A	
- Phase protection	Normal	

3. GROUND TEST

3.1 Bar grounding point : 0.63 Ω RESULT : Passed

4. REFERENCE FOR USED INSTRUMENT

4.1 Insulation-continuity tester

Manufacturer : KYORITSU Type : 3005A

4.2 Earth tester

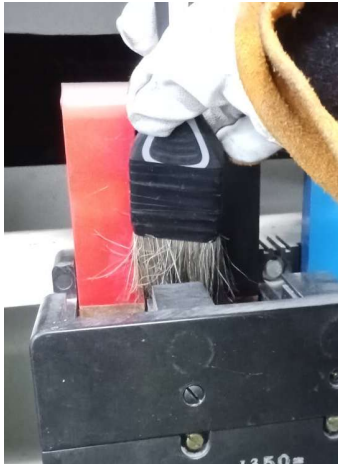
Manufacturer : KYORITSU Type : KEW 4105A

5. COMMENT

- FEEDER 3 เบรกเกอร์แตก
- VOLT Meter มีรอยไหม้
- Wire Duct และสาย Control มีรอยไหม้



MDB 2



Cleanliness



ACB



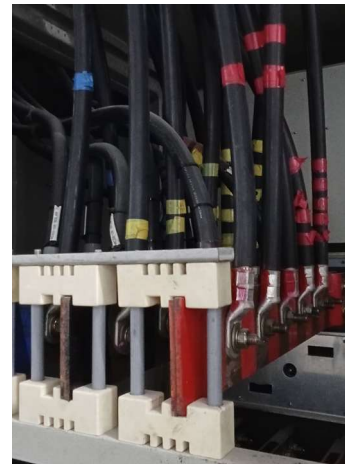
Earthing connection



Tightness of fitting bolt



Lamp , Name plate



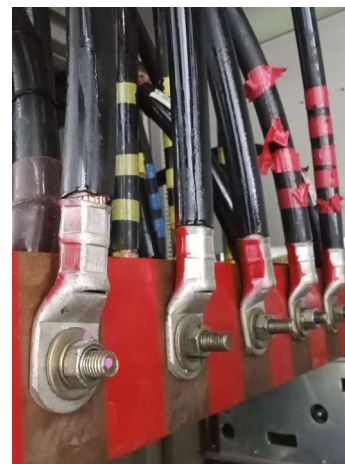
BEFORE



Mark the nut after tightening



Wiring control



AFTER

	DB/LP	DB-01
---	-------	-------

DB/LP NAME : A1/1 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

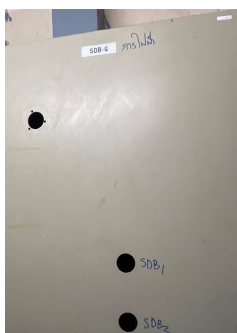
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี ปลอกสาย
- ไม่มี กราวด์ผาดู



MCCB



Name plate



Bar Ground Terminal



Cleanliness



BEFORE



AFTER

	DB/LP	DB-02
---	-------	-------

DB/LP NAME : A1/2 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี ปลอกสาย
- ไม่มี กราวด์ฟาดู



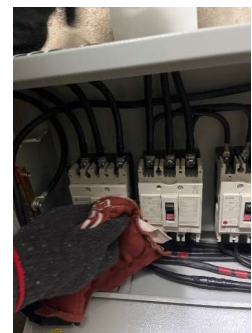
MCCB



Name plate



Bar Neutral Terminal



Cleanliness

	DB/LP	DB-03
---	-------	-------

DB/LP NAME : A1/3 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

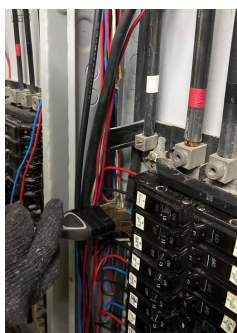
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี ป्लอกสาย
- ไม่มี กราวด์ฝาตู้
- ไม่มี บาร์กราวด์
- บัสบาร์ยึดเบรคเกอร์ลู่ก้อยยคลอน



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-04
---	-------	-------

DB/LP NAME : A1/4 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี ปลอกสาย
- ไม่มี กราวด์ฟาดู
- ไม่มี บาร์กราวด์



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-05
---	-------	-------

DB/LP NAME : A1/5E LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฝาตู้
- ไม่มี บาร์กราวด์
- บัสบาร์ยึดเบรคเกอร์ลู่ยกยอลอน



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-06
---	-------	-------

DB/LP NAME : A2/1E LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี ปลอกสาย
- เดินสายเมนไม่ถูกต้องตามมาตรฐาน



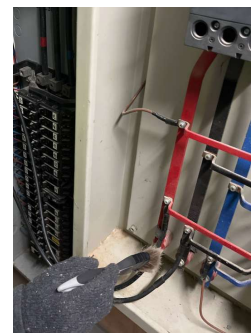
MCCB



Name plate



Bar Ground Terminal



Cleanliness



BEFORE



AFTER

	DB/LP	DB-07
---	-------	-------

DB/LP NAME : A2/2 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

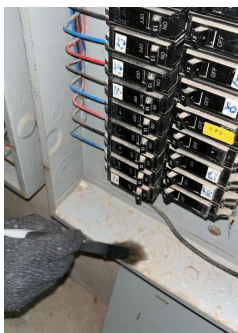
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ผาดู
- ไม่มี บาร์กราวด์



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-08
---	-------	-------

DB/LP NAME : A2/3 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

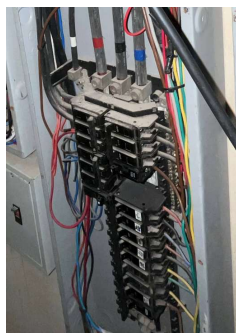
- ไม่มี กราวด์ฟาดู
- ไม่มี บาร์กราวด์



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-09
---	-------	-------

DB/LP NAME : A2/4 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

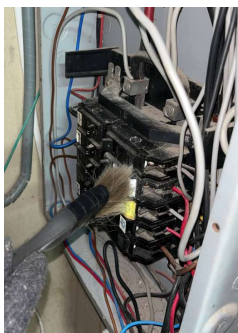
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฝาตู้
- ไม่มี บาร์กราวด์



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-10
---	-------	-------

DB/LP NAME : A3/1 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

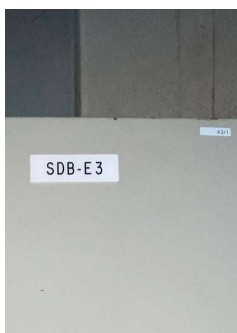
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี ปลอกสาย
- ตู้เป็นสนิม



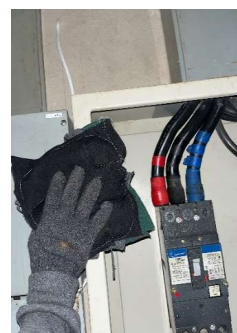
MCCB



Name plate



Bar Ground Terminal



Cleanliness



BEFORE



AFTER

	DB/LP	DB-11
---	-------	-------

DB/LP NAME : A3/2 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟาดู



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-12
---	-------	-------

DB/LP NAME : A3/3 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟาดู



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-13
---	-------	-------

DB/LP NAME : A3/4 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี ปลอกสาย

- ไม่มี กราวด์ผาดู



MCCB



Name plate/Lamp



Bar Ground Terminal



Cleanliness

	DB/LP	DB-14
---	-------	-------

DB/LP NAME : A3/5 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลัด



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-15
---	-------	-------

DB/LP NAME : A3/6 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

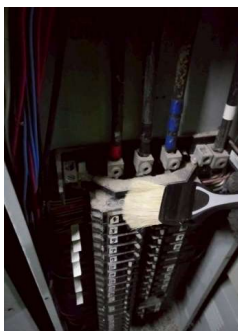
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฝาตู้
- ไม่มี บาร์กราวด์



MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-16
---	-------	-------

DB/LP NAME : A3/7 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

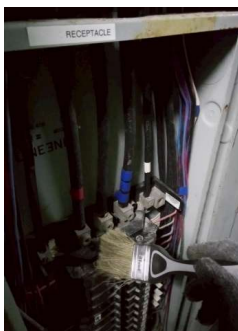
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

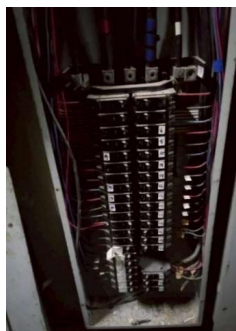
- ไม่มี กรรไกรตัดลวด
- ไม่มี บาร์กรรไกร



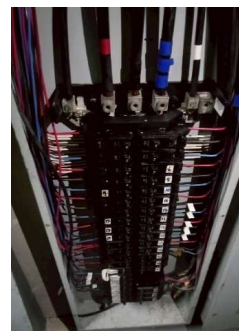
MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-17
---	-------	-------

DB/LP NAME : A3/8E LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

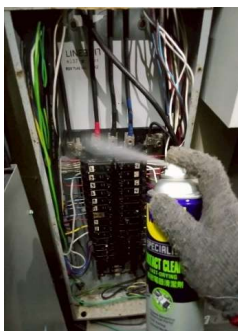
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

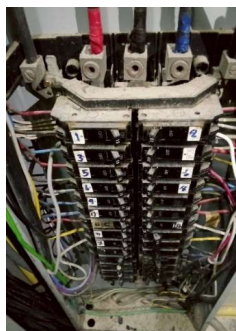
- ไม่มี กราวด์ฟาดู
- ไม่มี บาร์กราวด์



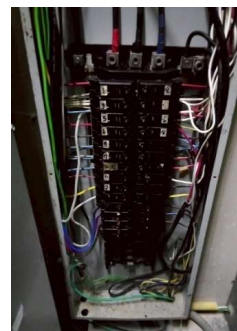
MCCB



Cleanliness



BEFORE



AFTER

	DB/LP	DB-18
---	-------	-------

DB/LP NAME : A3/9 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลัต



MCCB



Name plate/Lamp



Bar Ground Terminal



Cleanliness

	DB/LP	DB-19
---	-------	-------

DB/LP NAME : A3/10 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check Normal
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

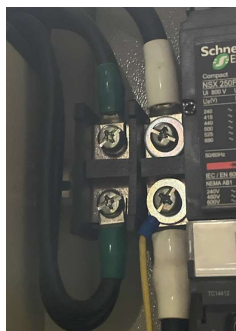
- ไม่มี ปลอกสาย
- ไม่มี กราวด์ผาดู



MCCB



Name plate/Lamp



Ground Terminal



Cleanliness

	DB/LP	DB-20
---	-------	-------

DB/LP NAME : A4/1 LOCATION : ชั้น 4

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ผาดู
- ไม่มี บาร์กราวด์



Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



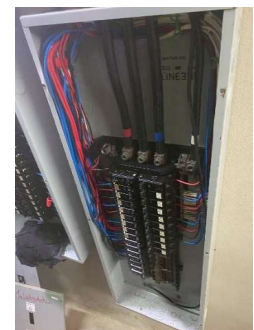
BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-21
---	-------	-------

DB/LP NAME : A4/2 LOCATION : ชั้น 4

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กรรไกรตัดลวด
- ไม่มี บาร์กรรไกร



Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-22
---	-------	-------

DB/LP NAME : A4/3E LOCATION : ชั้น 4

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ผ่าตู้
- ไม่มี บาร์กราวด์



Name plate



Tightness of fitting bolt



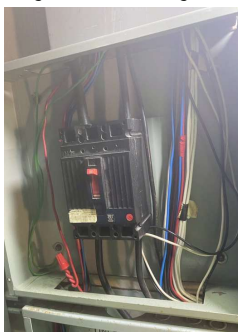
Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-23
---	-------	-------

DB/LP NAME : A5/1 LOCATION : ชั้น 5

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

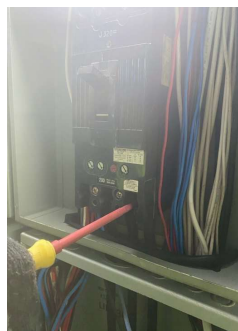
- 3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟาดู
- ไม่มี บาร์กราวด์



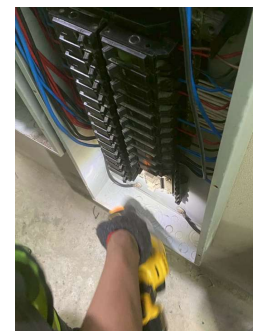
Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-24
---	-------	-------

DB/LP NAME : A5/2 LOCATION : ชั้น 5

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ผ่าตู้
- ไม่มี บาร์กราวด์



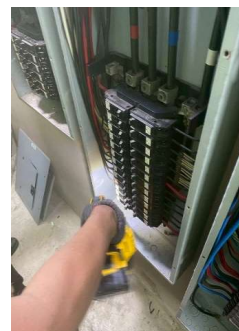
Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-25
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DB/LP NAME : A5/3E LOCATION : ชั้น 5

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

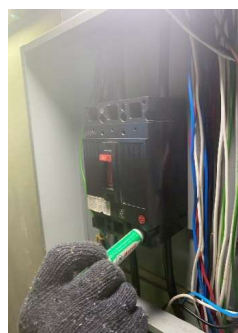
- ไม่มี กราวด์ผาดู
- ไม่มี บาร์กราวด์



Name plate



Tightness of fitting bolt



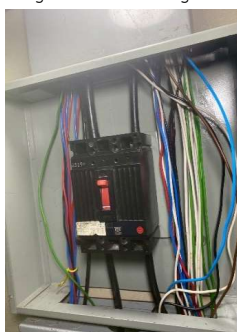
Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-26
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DB/LP NAME : A6/1 LOCATION : ชั้น 6

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กรรไกรตัดลวด
- ไม่มี บาร์กรรไกร



Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness

	DB/LP	DB-27
---	-------	-------

DB/LP NAME : A6/2 LOCATION : ชั้น 6

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฝาตู้
- ไม่มี บาร์กราวด์



Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness

	DB/LP	DB-28
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DB/LP NAME : A6/3E LOCATION : ชั้น 6

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟ้าตู้
- ไม่มี บาร์กราวด์



Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness

	DB/LP	DB-29
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DB/LP NAME : A7/1 LOCATION : ชั้น 7

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟาดู
- ไม่มี บาร์กราวด์



Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-30
---	-------	-------

DB/LP NAME : A7/2 LOCATION : ชั้น 7

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

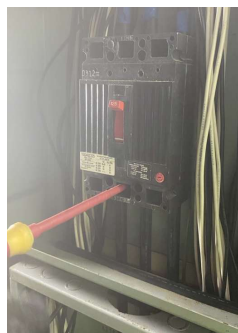
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฝาตู้
- ไม่มี บาร์กราวด์



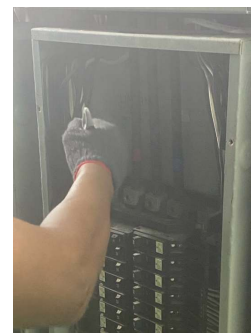
Name plate



Tightness of fitting bolt



Mark the nut after tightening



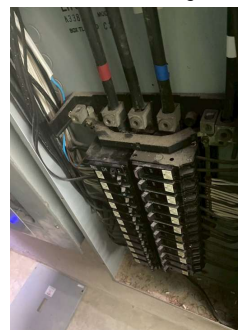
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-31
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DB/LP NAME : A7/3E LOCATION : ชั้น 7

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกราวด์ฝ้าตู้
- ไม่มีบาร์กราวด์



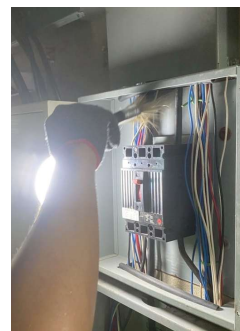
Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-32
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DB/LP NAME : A8/1 LOCATION : ชั้น 8 (ดาตฟ้า)

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Abnormal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกราวด์ฝาตู้
- ไม่มีบาร์กราวด์



Name plate



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

LOW VOLTAGE EQUIPMENT TEST REPORT

- CAPACITOR BANK



CAPACITOR BANK

CAP1

FACTORY : โรงพยาบาลสิริเวชจันทบุรี (ตึก A)

1. CAPACITOR BANK UNIT CUBICAL NAME : CAPACITOR BANK-1

CAP.MNF : OKIAN CAPACITOR CAP.RATED : 75 kVAR ## Volt

PFC.MNF : OKIAN CAPACITOR PFC.TYPE : M-6B SERIAL : N11M10459

CONT.MNF. : ABB CONT.TYPE: EH 100 CONT.RATE : 220 V

Fuse MNF : N/A Type : N/A



2. CAPACITOR INSPECTION CHECK

1. PFC	1.1	Power Factor control relay (Auto/Manual)	Abnormal
	1.2	Selector switch and push button	Not Check
	1.3	Status lamp ON/OFF	Not Check
2. Power	2.1	Main Circuit Breaker	Normal
	2.2	Power Cable	Normal
3. Fuse	3.1	HRC Fuse link Check	N/A
	3.2	Fuse base	Normal
4. Magnetic	4.1	Magnetic contactor check	Normal
	4.2	Magnetic contactor's surface check	Normal
5. General	5.1	Capacitor bank and Support cubicle	Normal
	5.2	Capacitor unit condition	Abnormal
	5.3	Grounding connection condition	Normal
	5.4	Cooling equipment condition	N/A

3. MICRO FARAD MEASUREMENT

Phase	STEP (μF)											
	1	2	3	4	5	6	7	8	9	10	11	12
A-B	463	455	463	-	-	-						
B-C	463	457	463	-	-	-						
A-C	463	419	463	-	-	-						

** ค่า cap bank มาตรฐาน 411.63 - 476.62 (μF)

Note: Cap.should be value (Star) $Y = kvar \times 109 / (6.28 \times f \times v^2)$, $(\Delta) \Delta = (kvar \times 109) / (18.84 \times f \times v^2) \times 3/2$

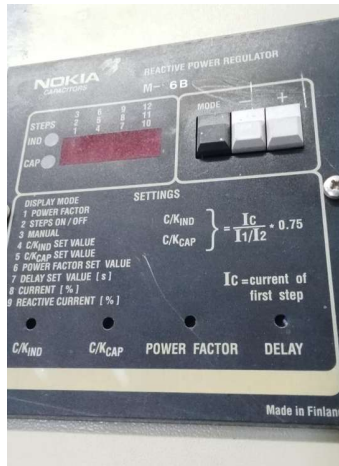
Test Equipments Capacitance Tester : MULTIMETER Type /Model : FLUKE / 115 TRUE RMS

4. COMMENT

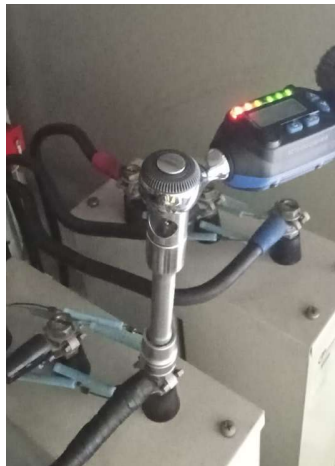
- Capacitor Bank Step 1-6 ไม่มีฟิวส์
- ไม่มี Capacitor Bank Step 4,5,6
- ตู้ CAPACITOR BANK-1 ยกเลิกใช้งาน



CAPACITOR BANK 1



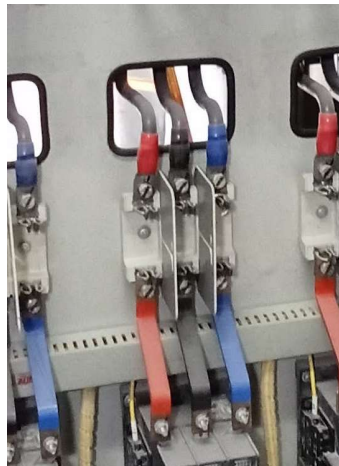
Power Factor Controller



Tightness of fitting bolt



Capacitor unit condition



FUSE



MAGNETIC



Capacitor bank and Support cubicle



MICRO FARAD STEP 1 A-B



MICRO FARAD STEP 1 B-C



MICRO FARAD STEP 1 A-C

	CAPACITOR BANK	CAP2
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FACTORY : โรงพยาบาลสิริเวชจันทบุรี (ดึก A)

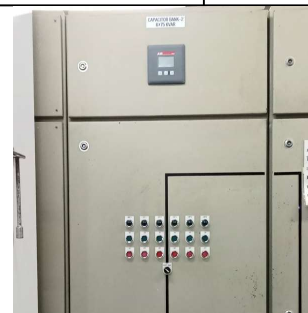
1. CAPACITOR BANK UNIT CUBICAL NAME : CAPACITOR BANK-2

CAP MNF : ABB CAP RATED : 75 kVAR ## Volt

PFC.MNF : ABB PFC.TYPE : RVC6-1/5A SERIAL : 325497

CONT.MNF. : ABB CONT.TYPE: EH 100 CONT.RATE : 220 V

Fuse MNF : LINDNER Type : NH00 gL 160A



2. CAPACITOR INSPECTION CHECK

1. PFC	1.1	Power Factor control relay (Auto/Manual)	Abnormal	
	1.2	Selector switch and push button	Not Check	
	1.3	Status lamp ON/OFF	Not Check	
2.Power	2.1	Main Circuit Breaker	Normal	
	2.2	Power Cable	Normal	
3.Fuse	3.1	HRC Fuse link Check	Normal	
	3.2	Fuse base	Normal	
4.Magnetic	4.1	Magnetic contactor check	Normal	
	4.2	Magnetic contactor's surface check	Normal	
5.General	5.1	Capacitor bank and Support cubicle	Normal	
	5.2	Capacitor unit condition	Normal	
	5.3	Grounding connection condition	Normal	
	5.4	Cooling equipment condition	N/A	

3.MICRO FARAD MEASUREMENT

Phase	STEP (μF)											
	1	2	3	4	5	6	7	8	9	10	11	12
A-B	808	799	812	836	811	810						
B-C	807	835	801	803	811	810						
A-C	807	808	811	805	810	810						

** ค่า cap bank มาตรฐาน 709.10 - 821.06 (μF)

Note: Cap.should be value (Star) $Y = \frac{kvar \times 109}{(6.28 \times f \times v^2)}$, $(\Delta) \Delta = \frac{(kvar \times 109)}{(18.84 \times f \times v^2)} \times \frac{3}{2}$

Test Equipments Capacitance Tester : MULTIMETER Type /Model : FLUKE / 115 TRUE RMS

4. COMMENT

- Power Factor control ไม่แสดงผล



CAPACITOR BANK 2



Power Factor Controller



Cleanliness



Capacitor unit condition



FUSE



MAGNETIC



Capacitor bank and Support cubicle



MICRO FARAD STEP 1 A-B



MICRO FARAD STEP 1 B-C



MICRO FARAD STEP 1 A-C

GROUNDING SYSTEM TEST REPORT

	GROUND
---	--------

FACTORY : โรงพยาบาลสิริเวชจันทบุรี (ตึก A)
 LOCATIONS NAME : MDB

1. Method of Test and Measured values

Selective Earth Measurement (one Clamp) (Result : Resistance (RE) (Ω))

2. Visual Inspection

Ground terminal box physical condition ☒ Normal ☐ See comment ☐ N/A
 Wiring and connection ☒ Normal ☐ See comment ☐ N/A

3. Grounding resistance measurement

Item	Feeder name	Resistance (Ω)
1	MDB 1 , MDB 2 E3 Equipment ground	0.63

Note: Acceptable value of ground resistance is not more than 5 Ohm



MDB 1 , MDB 2 E3

4. Test equipment

Manufacture KYORITSU Type KEW 4200 Serial No. 8258708

5. COMMENT

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THERMO SCAN REPORT

			Thermoscan Report												Data-1
Location		อุปกรณ์	Before						After						Description
			L1	L2	L3	Avg	Min	Max	L1	L2	L3	Avg	Min	Max	
1	MDB1 (A)	ACB	-	-	-	33.8	33.2	40	-	-	-	32.3	32	32.8	Normal
2	MDB1 (A)	MCCB	37.2	34.5	34.5	-	-	-	32.1	32.3	32.1	-	-	-	Normal
3	FEEDER-1	MCCB	-	-	-	34.5	33.8	41.6	-	-	-	32.4	32	34.4	Normal
4	FEEDER-1	MCCB	-	-	-	34.2	34.1	35.1	-	-	-	32.3	32.1	32.2	Normal
5	TIE	ACB	-	-	-	33.8	33.2	35.7	-	-	-	32.8	32.1	34.9	Normal
6	Chiller	Main MCCB	-	-	-	37.5	36.6	36.4	-	-	-	35.3	34.7	34.6	Normal
7	CAPACITOR BANK 1	FUSE	-	-	-	33.6	33.1	34.2	-	-	-	32.1	31.9	32.3	Normal
8	CAPACITOR BANK 1	FUSE	-	-	-	32.7	31.9	33.6	-	-	-	32.2	31.9	32.9	Normal
9	MDB2 (A)	ACB	40.4	39.7	37.9	-	-	-	37.3	37.6	35.5	-	-	-	Normal
10	MDB2 (A)	MCCB	-	-	-	33.6	33.1	35.3	-	-	-	31.9	31.6	33.4	Normal
11	FEEDER-3	Main MCCB	37	36.9	35.9	-	-	-	34.9	35.1	33.7	-	-	-	Normal
12	FEEDER-3	MCCB	35.8	37.7	36	-	-	-	34	34.9	34	-	-	-	Normal
13	ATS	Main MCCB	35.5	34.1	33.8	-	-	-	33.4	32.6	32.1	-	-	-	Normal
14	FEEDER-4	MCCB	-	-	-	33.7	32.6	35.9	-	-	-	31.9	30.8	33.8	Normal
15	MRI	MCCB	36	35.2	34.4	-	-	-	34.6	34.4	32.6	-	-	-	Normal
16	CAPACITOR BANK 2	FUSE	-	-	-	33.1	32.6	34.2	-	-	-	32.3	32	33.1	Normal
17	CAPACITOR BANK 2	FUSE	-	-	-	32.6	32	34.4	-	-	-	31.6	31.3	32.4	Normal
18	ATS	ACB	-	-	-	32.9	32	35.8	-	-	-	32.4	31.7	33.2	Normal
19	A8/1	Main MCCB	33.4	33.4	33.4	-	-	-	32.6	32.7	32.7	-	-	-	Normal
20	A8/1	MCCB	-	-	-	31.9	31.4	33.2	-	-	-	31.5	30.8	33.1	Normal
21	A7/1	Main MCCB	35.3	33.8	33	-	-	-	33.8	32.9	32.3	-	-	-	Normal
22	A7/1	MCCB	-	-	-	32.6	30.8	42.5	-	-	-	31.3	29.4	39.1	Normal
23	A7/2	Main MCCB	31.5	31.4	31.5	-	-	-	30.4	30.2	30.2	-	-	-	Normal
24	A7/2	MCCB	-	-	-	30.6	30.2	31.2	-	-	-	29.4	28.8	34.7	Normal
25	A7/3E	Main MCCB	-	-	-	30.8	30.4	31.7	-	-	-	29.5	29	30.4	Normal
26	A7/3E	MCCB	-	-	-	30.5	29.9	31.7	-	-	-	30.3	29.9	31.3	Normal
27	A6/1	Main MCCB	33.5	32.1	31.8	-	-	-	32	32.1	31.9	-	-	-	Normal
28	A6/1	MCCB	-	-	-	31.7	29.8	35.2	-	-	-	31.5	29.1	48.3	Normal
29	A6/2	Main MCCB	30.2	30.3	30.2	-	-	-	29.8	29.8	30	-	-	-	Normal
30	A6/2	MCCB	-	-	-	30.2	29	57.1	-	-	-	30	29.3	35.3	Abnormal

			Thermoscan Report												Data-2
Location		อุปกรณ์	Before						After						Description
			L1	L2	L3	Avg	Min	Max	L1	L2	L3	Avg	Min	Max	
31	A6/3E	Main MCCB	-	-	-	30.3	29.7	30.8	-	-	-	30	29.3	30.7	Normal
32	A6/3E	MCCB	-	-	-	30.4	29.8	31.2	-	-	-	29.4	28.6	30.6	Normal
33	A5/1	Main MCCB	32.1	32.1	31.6	-	-	-	32	32	31.8	-	-	-	Normal
34	A5/1	MCCB	-	-	-	32.3	29.8	48.6	-	-	-	31.6	30	38.2	Normal
35	A5/2	Main MCCB	29.9	30	30	-	-	-	29.4	29.5	29.3	-	-	-	Normal
36	A5/2	MCCB	-	-	-	28.9	29.5	30.8	-	-	-	29.2	28.5	37.4	Normal
37	A5/3E	Main MCCB	-	-	-	29.9	29.4	30.5	-	-	-	29	28.5	30.7	Normal
38	A5/3E	MCCB	-	-	-	30	29.6	31.2	-	-	-	29.5	29	31.8	Normal
39	A4/1	Main MCCB	36.4	34.2	35.6	-	-	-	31.8	31	31.1	-	-	-	Normal
40	A4/1	MCCB	-	-	-	34.1	30.6	58.2	-	-	-	31.5	28.5	40.7	Normal
41	A4/2	Main MCCB	31	31	31.1	-	-	-	30.7	30.7	30.9	-	-	-	Normal
42	A4/2	MCCB	-	-	-	31	30.6	33.4	-	-	-	30.8	30.5	31.6	Normal
43	A4/3E	Main MCCB	-	-	-	31	30.6	31.5	-	-	-	30.7	30.2	31.2	Normal
44	A4/3E	MCCB	-	-	-	31.1	30.6	31.9	-	-	-	31	30.7	31.6	Normal
45	A3/1	Main MCCB	28.4	28.4	28.3	-	-	-	28.3	28.1	28.2	-	-	-	Normal
46	A3/1	MCCB	-	-	-	28.5	28.2	29	-	-	-	27.5	27.2	28.5	Normal
47	A3/2	Main MCCB	30	29.4	29.3	-	-	-	28.7	28.4	28.4	-	-	-	Normal
48	A3/3	Main MCCB	29	28.9	29	-	-	-	28.1	28.2	28.4	-	-	-	Normal
49	A3/3	MCCB	-	-	-	28.9	28.4	31.7	-	-	-	28.9	28.1	31.6	Normal
50	A3/4	Main MCCB	29.4	30.1	29.6	-	-	-	27.9	28.1	28.1	-	-	-	Normal
51	A3/5	Main MCCB	30.8	31.7	32.8	-	-	-	30.3	31.1	32.5	-	-	-	Normal
52	A3/5	MCCB	-	-	-	29.4	27.9	34.3	-	-	-	29	27.6	34.2	Normal
53	A3/6	Main MCCB	28.9	29	28.9	-	-	-	28.6	28.6	28.6	-	-	-	Normal
54	A3/6	MCCB	-	-	-	29	28.5	29.9	-	-	-	28.2	27.9	28.7	Normal
55	A3/7	Main MCCB	28.7	28.7	28.6	-	-	-	28.3	28.2	28.2	-	-	-	Normal
56	A3/7	MCCB	-	-	-	28.7	28.3	29.2	-	-	-	27.8	27.5	28.5	Normal
57	A3/8E	Main MCCB	28.5	28.5	28.5	-	-	-	28.5	28.4	28.5	-	-	-	Normal
58	A3/8E	MCCB	-	-	-	28.3	27.9	28.8	-	-	-	27.9	27.5	28.4	Normal
59	A3/9	Main MCCB	29	29	28.9	-	-	-	28.6	28.5	28.4	-	-	-	Normal
60	A3/10	Main MCCB	30.3	30.4	30.4	-	-	-	29.6	29.6	29.8	-	-	-	Normal

			Thermoscan Report												Data-3
Location		อุปกรณ์	Before						After						Description
			L1	L2	L3	Avg	Min	Max	L1	L2	L3	Avg	Min	Max	
61	A2/E1	Main MCCB	30.7	30.8	28.7	-	-	-	29.2	29.2	28.4	-	-	-	Normal
62	A2/E1	MCCB	35.2	31	28.8	-	-	-	33.9	30.7	28.4	-	-	-	Normal
63	A2/2	Main MCCB	31	31	30.2	-	-	-	30.1	30	29.6	-	-	-	Normal
64	A2/2	MCCB	-	-	-	29.3	26.9	47.6	-	-	-	29.1	26.9	36.6	Normal
65	A2/3	Main MCCB	30.2	31	30.4	-	-	-	28.9	29.4	29	-	-	-	Normal
66	A2/3	MCCB	-	-	-	28.3	26.4	47.8	-	-	-	28.8	26.5	40.8	Normal
67	A2/4	Main MCCB	-	-	-	28.8	27.2	33.4	-	-	-	28.4	27.3	34.8	Normal
68	A2/4	MCCB	-	-	-	28.1	26.4	36.4	-	-	-	28.3	26.4	34.1	Normal
69	A1/1	Main MCCB	34.7	36.2	34.5	-	-	-	30.7	31.2	30.2	-	-	-	Normal
70	A1/1	MCCB	34.1	36.4	34.3	-	-	-	32.8	33.4	30.9	-	-	-	Normal
71	A1/2	Main MCCB	36.3	37.6	36.5	-	-	-	29.2	29.4	29.2	-	-	-	Normal
72	A1/3	Main MCCB	30.2	30.8	30.2	-	-	-	28.1	28.7	28.1	-	-	-	Normal
73	A1/3	MCCB	-	-	-	29.7	28.1	34.8	-	-	-	28.3	27	31.6	Normal
74	A1/4	Main MCCB	39.4	45.1	39.7	-	-	-	36.6	39.2	34.1	-	-	-	Normal
75	A1/4	MCCB	-	-	-	32.5	28.6	80.3	-	-	-	29.6	27.1	39.6	Abnormal
76	A1/5E	Main MCCB	30.9	30.7	31.1	-	-	-	28.7	28.6	28.8	-	-	-	Normal
77	A1/5E	MCCB	-	-	-	29.1	27	32.7	-	-	-	28	26.2	30.3	Normal



Thermoscan Report

P-01

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : MDB1 (A)

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

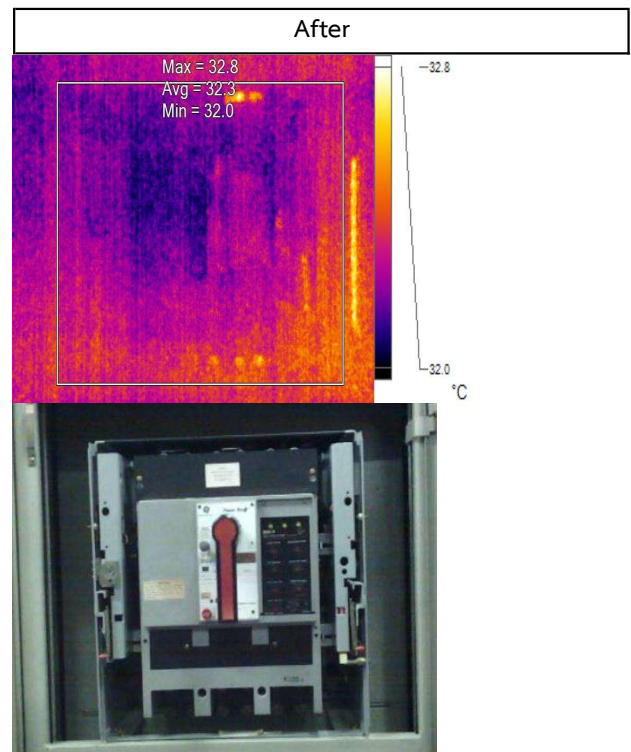
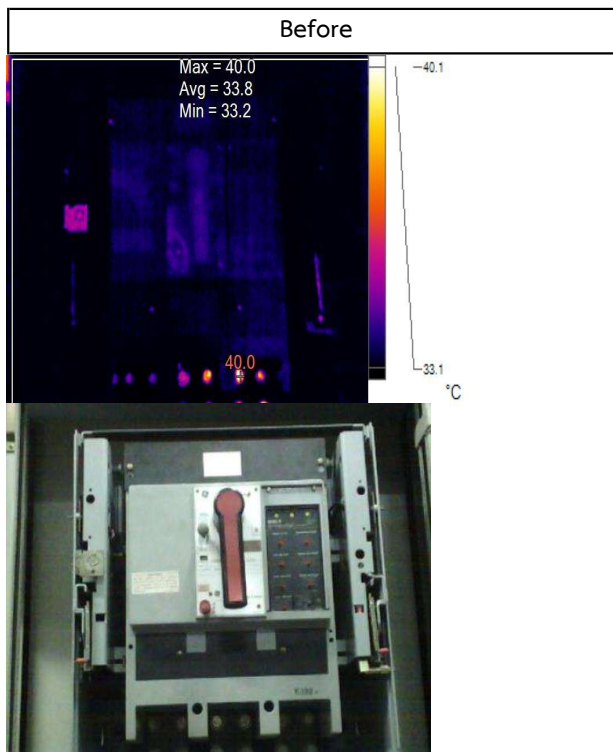
Ambient temperature : 30.00 °C

Equipment name : ACB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	33.80
	Min	33.20
	Max	40.00

List	Point	P1
Temperature of connection point	Avg	32.30
	Min	32.00
	Max	32.80

Description

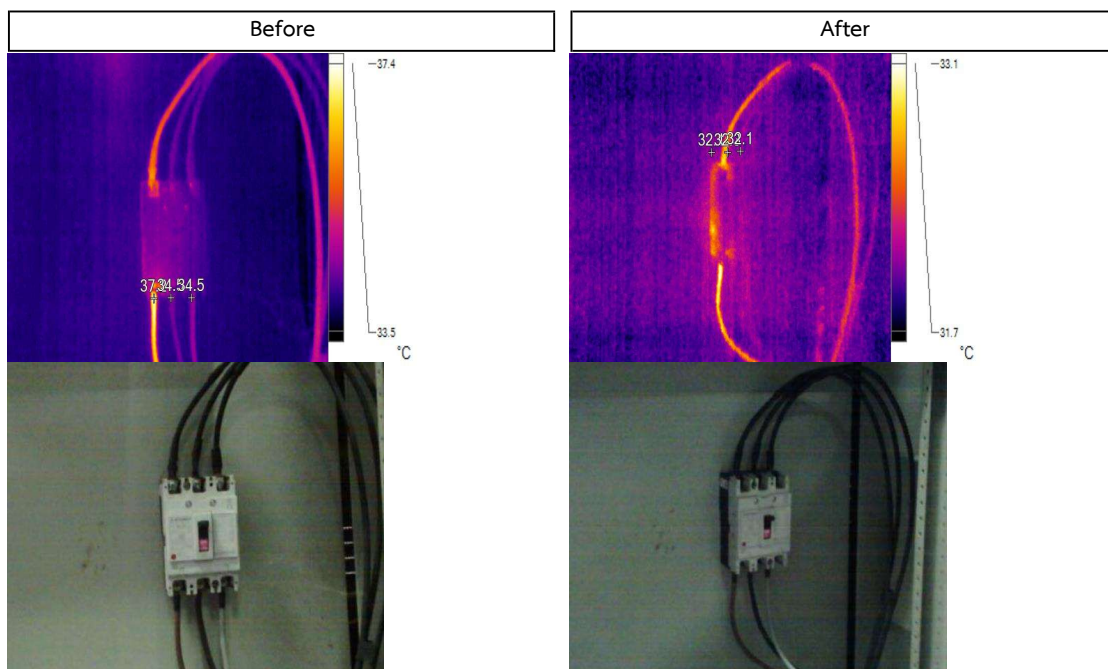
Normal

Recommended

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	Thermoscan Report	P-02
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: MCCB
Location	: MDB1 (A)	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	37.20	Temperature of connection point	L1	32.10
	L2	34.50		L2	32.30
	L3	34.50		L3	32.10
Temperature between phase. (< 15 C)	L 1-2	2.70	Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	0.00		L 2-3	0.20
	L 3-1	2.70		L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	7.20	Difference ambient and phase. (< 40 C)	L1	2.10
	L2	4.50		L2	2.30
	L3	4.50		L3	2.10

Description

Normal

Recommended

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Thermoscan Report

P-03

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : FEEDER-1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

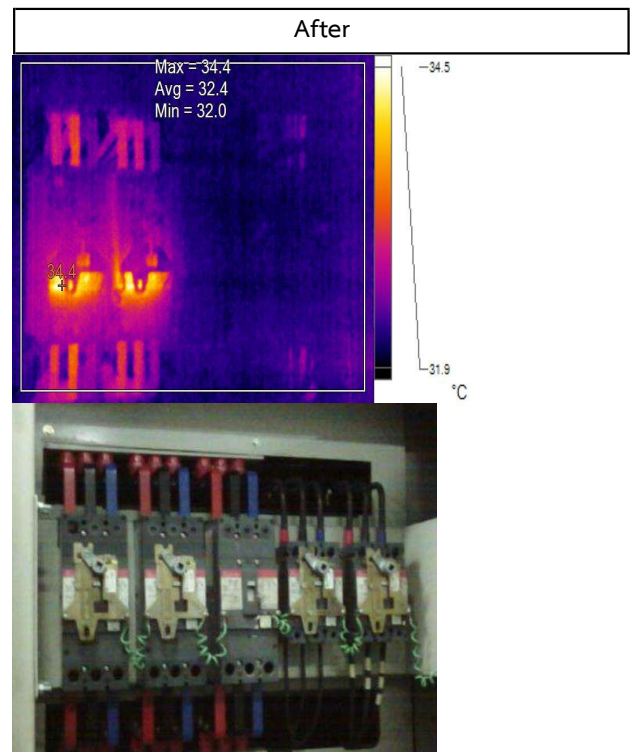
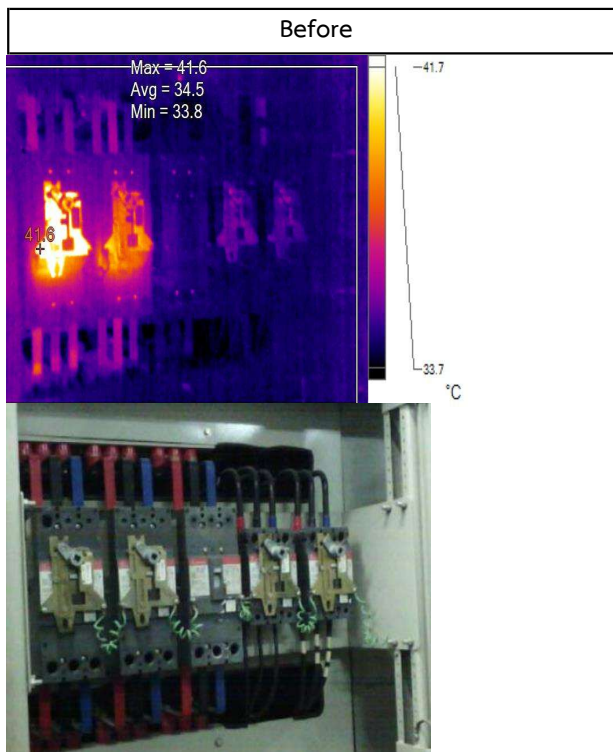
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	34.50
	Min	33.80
	Max	41.60

List	Point	P1
Temperature of connection point	Avg	32.40
	Min	32.00
	Max	34.40

Description

Normal

Recommended

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	Thermoscan Report	P-04
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Company : โรงพยาบาลสิริเวชจันทบุรี

Location : FEEDER-1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

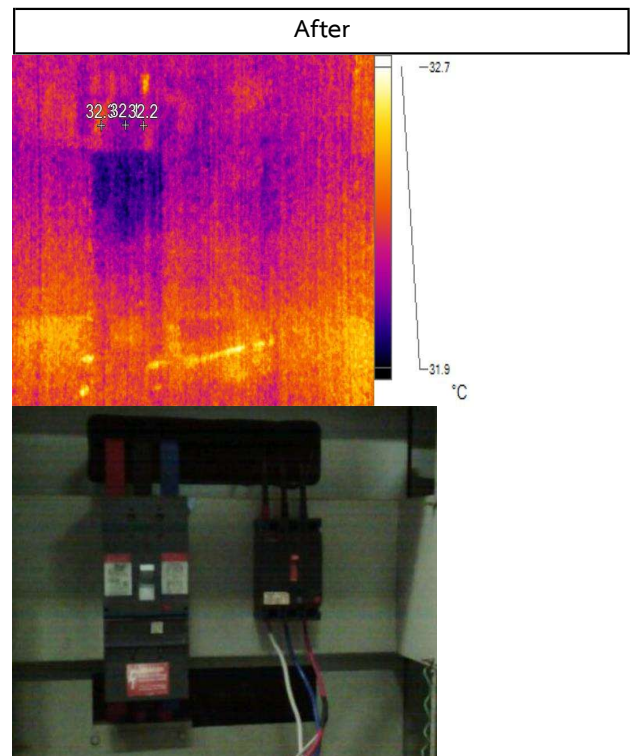
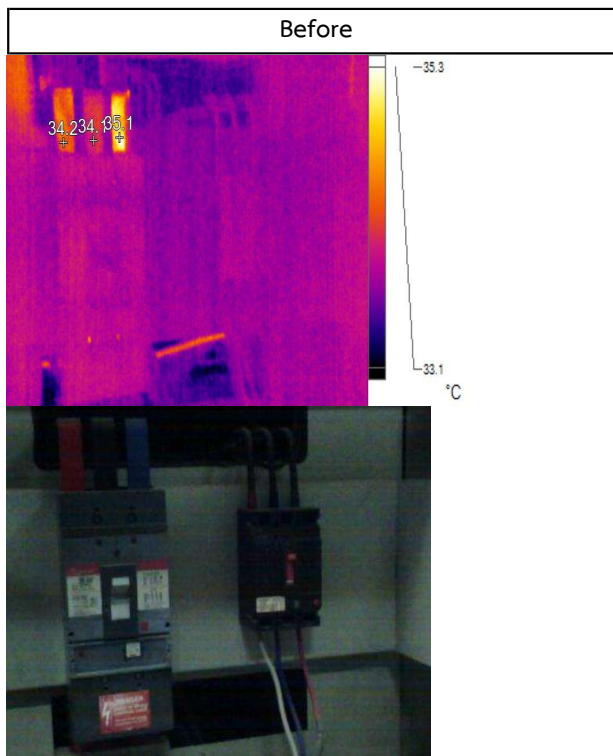
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	34.20
	Min	34.10
	Max	35.10

List	Point	P1
Temperature of connection point	Avg	32.30
	Min	32.10
	Max	32.20

Description

Normal

Recommended

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Thermoscan Report

P-05

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : TIE

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

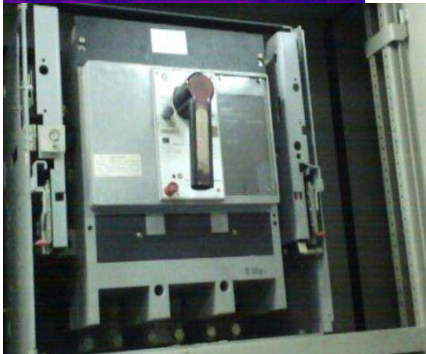
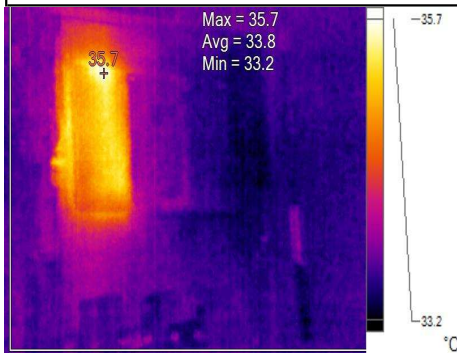
Equipment name : ACB

After date : 30 เมษายน 2568

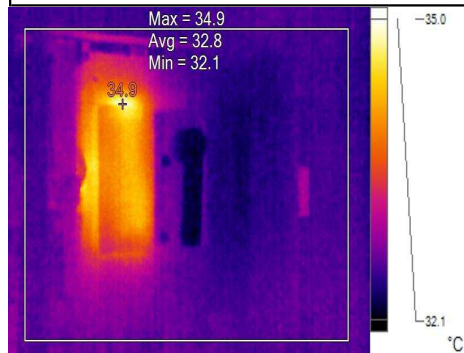
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	33.80
	Min	33.20
	Max	35.70

List	Point	P1
Temperature of connection point	Avg	32.80
	Min	32.10
	Max	34.90

Description

Normal

Recommended

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Thermoscan Report

P-06

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : Chiller

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

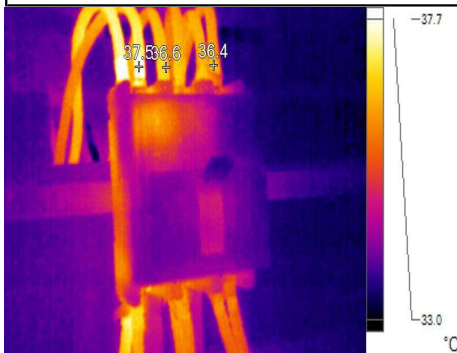
Equipment name : Main MCCB

After date : 30 เมษายน 2568

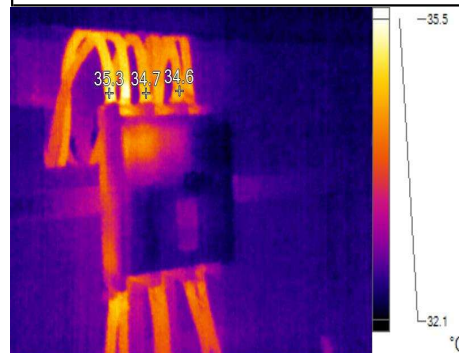
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	37.50
	Min	36.60
	Max	36.40

List	Point	P1
Temperature of connection point	Avg	35.30
	Min	34.70
	Max	34.60

Description

Normal

Recommended

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Thermoscan Report

P-07

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : CAPACITOR BANK 1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

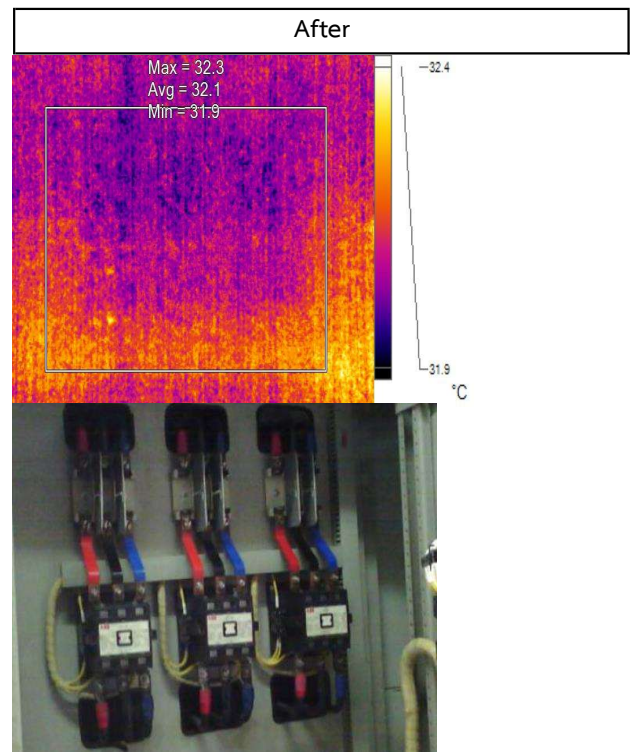
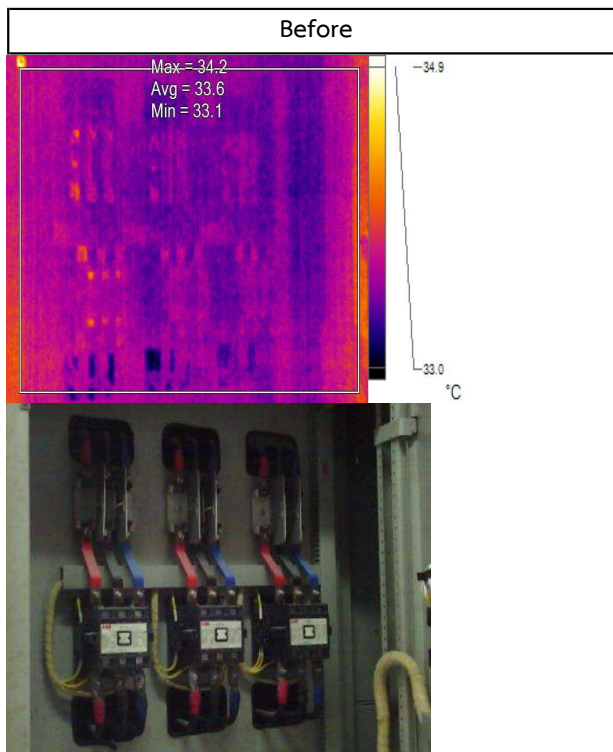
Ambient temperature : 30.00 °C

Equipment name : FUSE

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	33.60
	Min	33.10
	Max	34.20

List	Point	P1
Temperature of connection point	Avg	32.10
	Min	31.90
	Max	32.30

Description

Normal

Recommended

-



Thermoscan Report

P-08

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : CAPACITOR BANK 1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

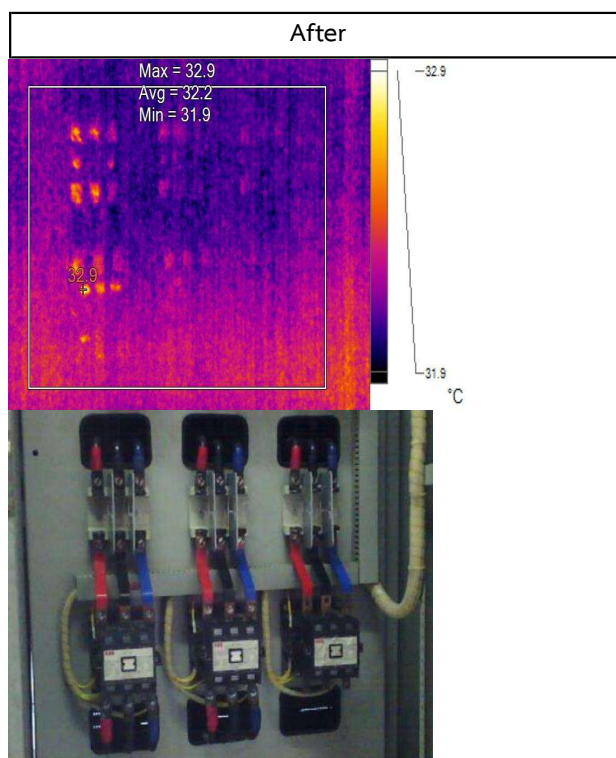
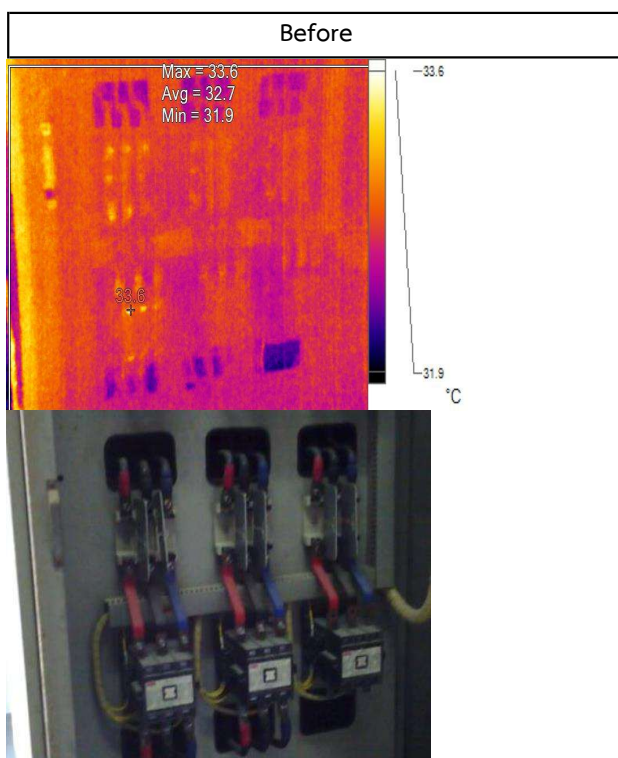
Ambient temperature : 30.00 °C

Equipment name : FUSE

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	32.70
	Min	31.90
	Max	33.60

List	Point	P1
Temperature of connection point	Avg	32.20
	Min	31.90
	Max	32.90

Description

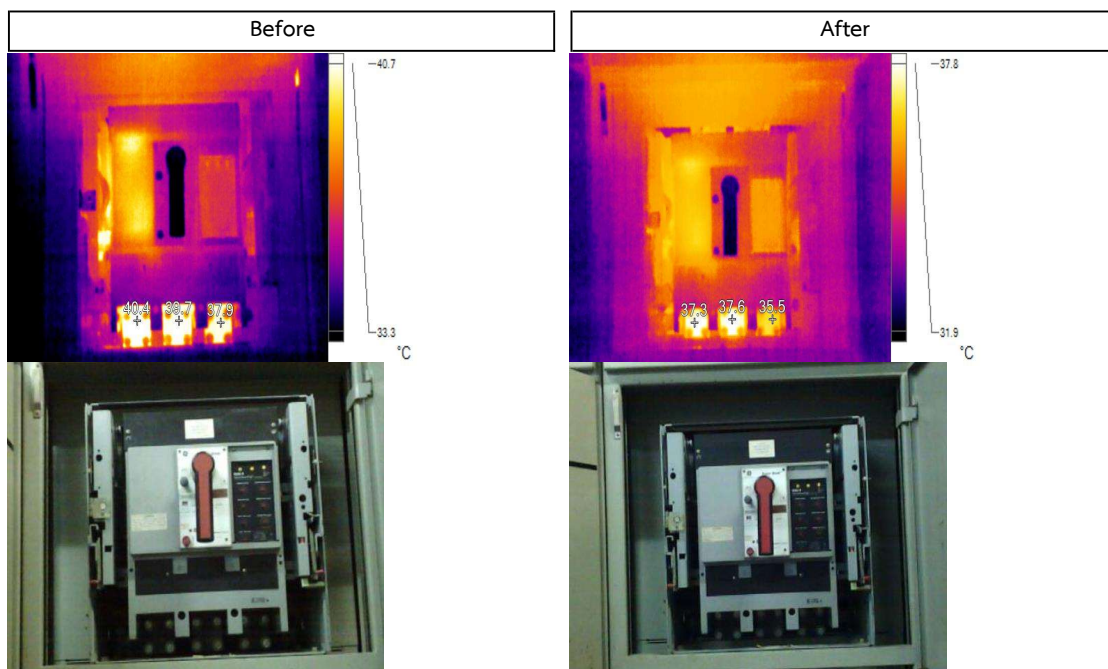
Normal

Recommended

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	Thermoscan Report	P-09
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: ACB
Location	: MDB2 (A)	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	40.40	Temperature of connection point	L1	37.30
	L2	39.70		L2	37.60
	L3	37.90		L3	35.50
Temperature between phase. (< 15 C)	L 1-2	0.70	Temperature between phase. (< 15 C)	L 1-2	-0.30
	L 2-3	1.80		L 2-3	2.10
	L 3-1	2.50		L 3-1	1.80
Difference ambient and phase (< 40 C)	L1	10.40	Difference ambient and phase. (< 40 C)	L1	7.30
	L2	9.70		L2	7.60
	L3	7.90		L3	5.50

Description

Normal

Recommended

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Thermoscan Report

P-10

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : MDB2 (A)

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

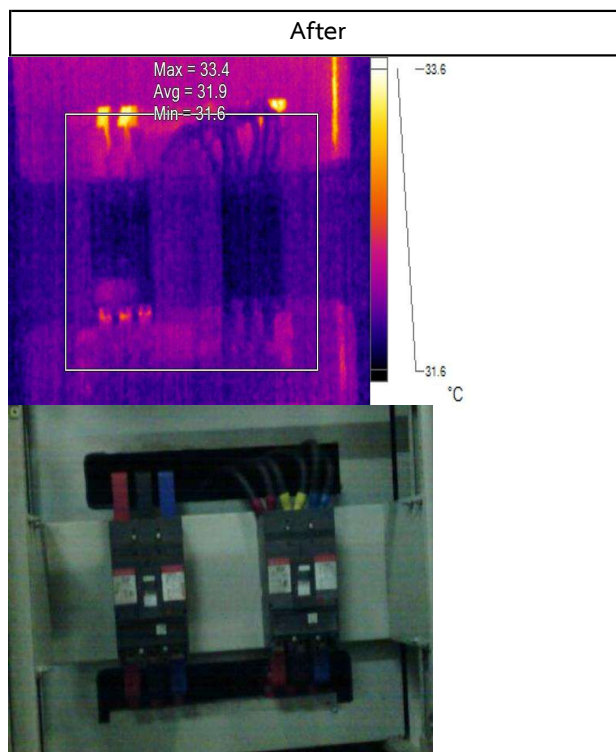
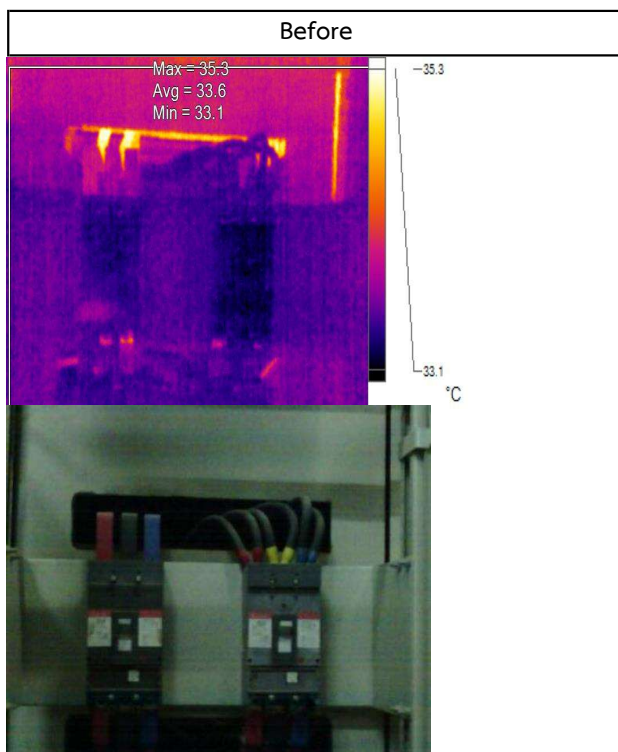
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	33.60
	Min	33.10
	Max	35.30

List	Point	P1
Temperature of connection point	Avg	31.90
	Min	31.60
	Max	33.40

Description

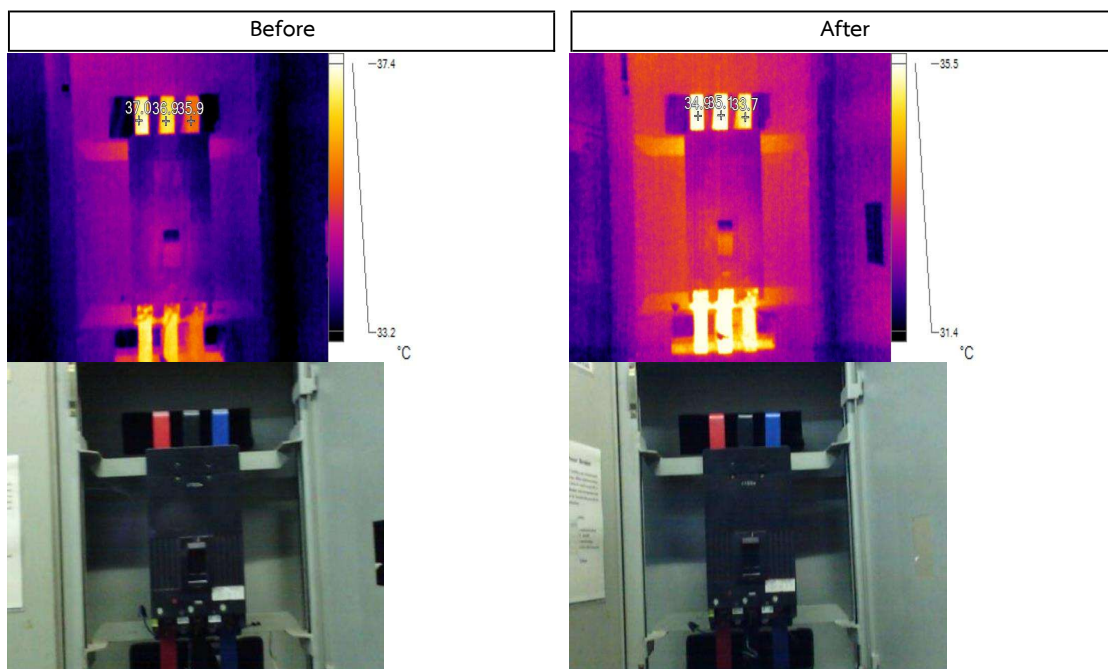
Normal

Recommended

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	Thermoscan Report	P-11
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: FEEDER-3	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	37.00	Temperature of connection point	L1	34.90
	L2	36.90		L2	35.10
	L3	35.90		L3	33.70
Temperature between phase. (< 15 C)	L 1-2	0.10	Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	1.00		L 2-3	1.40
	L 3-1	1.10		L 3-1	1.20
Difference ambient and phase (< 40 C)	L1	7.00	Difference ambient and phase. (< 40 C)	L1	4.90
	L2	6.90		L2	5.10
	L3	5.90		L3	3.70

Description

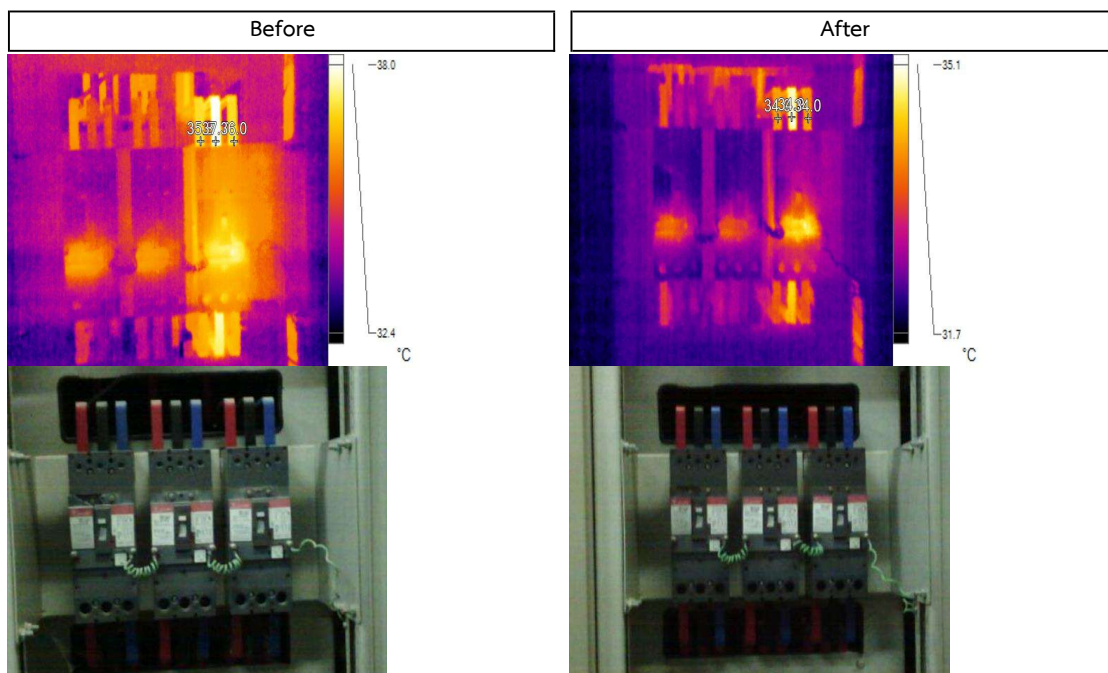
Normal

Recommended

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	Thermoscan Report	P-12
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: MCCB
Location	: FEEDER-3	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	35.80	Temperature of connection point	L1	34.00
	L2	37.70		L2	34.90
	L3	36.00		L3	34.00
Temperature between phase. (< 15 C)	L 1-2	-1.90	Temperature between phase. (< 15 C)	L 1-2	-0.90
	L 2-3	1.70		L 2-3	0.90
	L 3-1	-0.20		L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	5.80	Difference ambient and phase. (< 40 C)	L1	4.00
	L2	7.70		L2	4.90
	L3	6.00		L3	4.00

Description

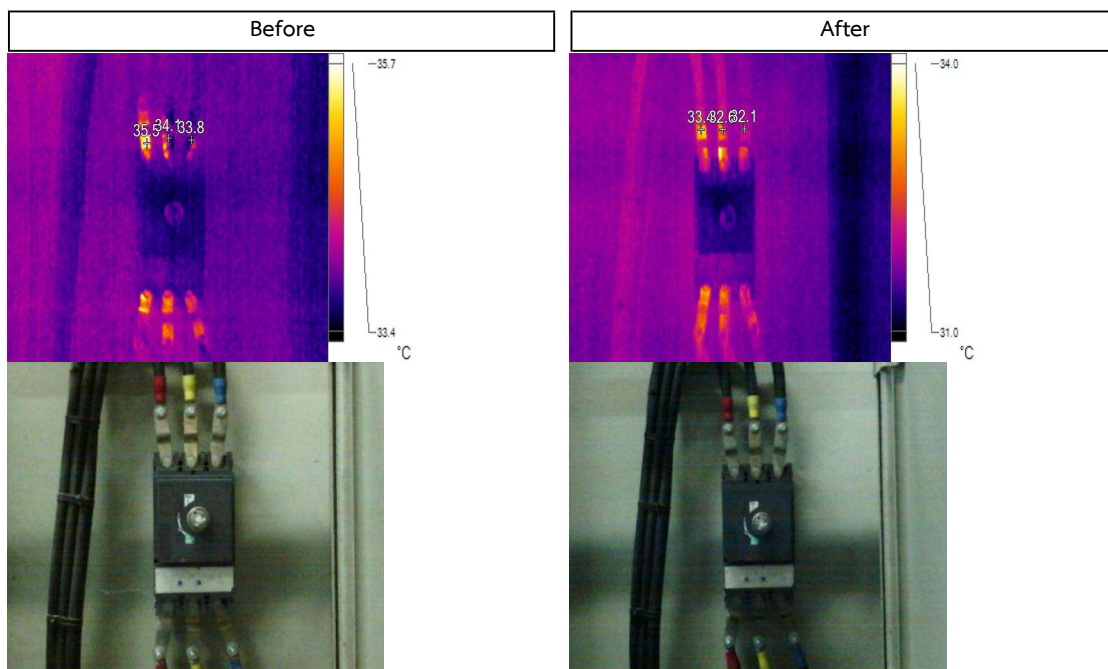
Normal

Recommended

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	Thermoscan Report	P-13
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: ATS	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	35.50	Temperature of connection point	L1	33.40
	L2	34.10		L2	32.60
	L3	33.80		L3	32.10
Temperature between phase. (< 15 C)	L 1-2	1.40	Temperature between phase. (< 15 C)	L 1-2	0.80
	L 2-3	0.30		L 2-3	0.50
	L 3-1	1.70		L 3-1	1.30
Difference ambient and phase (< 40 C)	L1	5.50	Difference ambient and phase. (< 40 C)	L1	3.40
	L2	4.10		L2	2.60
	L3	3.80		L3	2.10

Description

Normal

Recommended

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Thermoscan Report

P-14

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : FEEDER-4

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

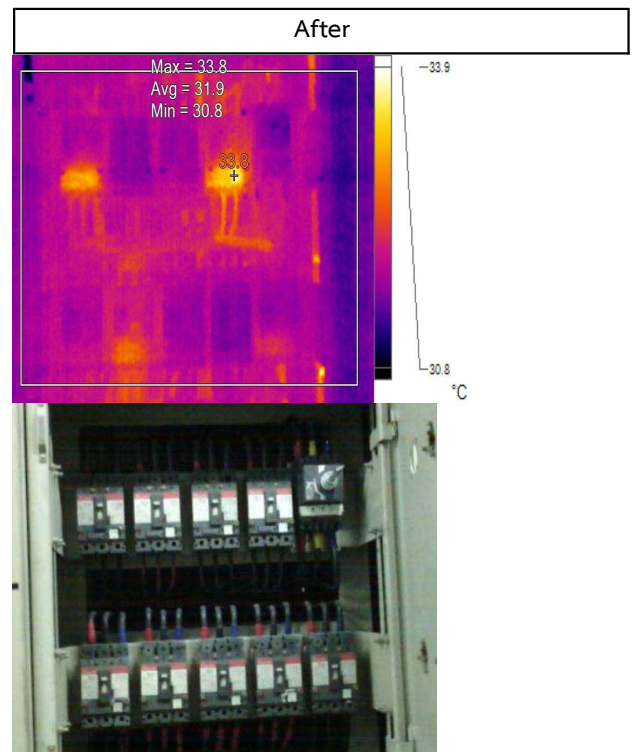
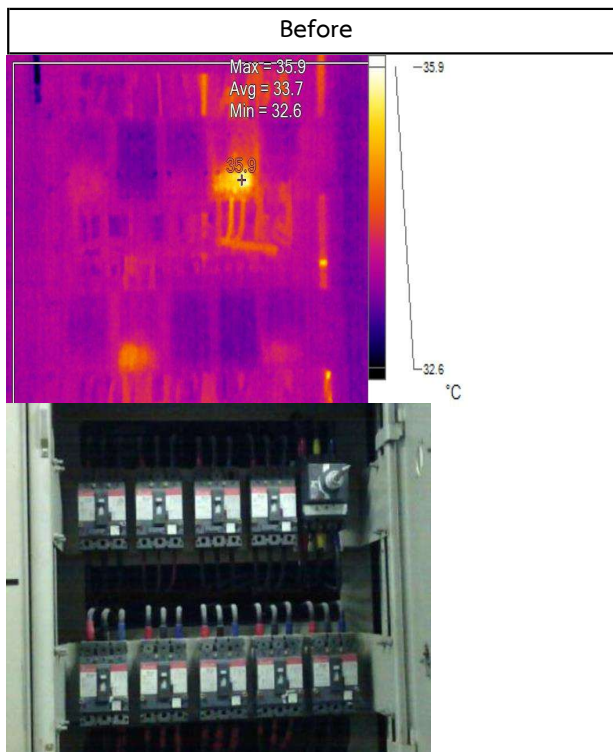
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	33.70
	Min	32.60
	Max	35.90

List	Point	P1
Temperature of connection point	Avg	31.90
	Min	30.80
	Max	33.80

Description

Normal

Recommended

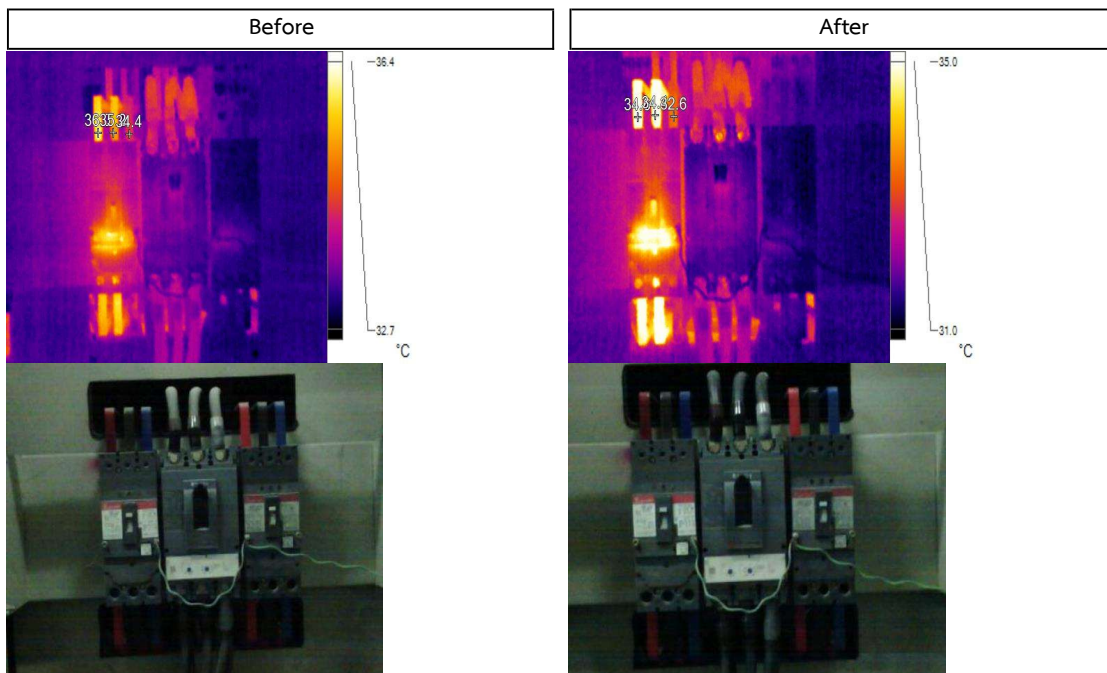
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Thermoscan Report

P-15

Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: MCCB
Location	: MRI	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1
Temperature of connection point	L1	36.00
	L2	35.20
	L3	34.40
Temperature between phase. (< 15 C)	L 1-2	0.80
	L 2-3	0.80
	L 3-1	1.60
Difference ambient and phase (< 40 C)	L1	6.00
	L2	5.20
	L3	4.40

List	Point	P1
Temperature of connection point	L1	34.60
	L2	34.40
	L3	32.60
Temperature between phase. (< 15 C)	L 1-2	0.20
	L 2-3	1.80
	L 3-1	2.00
Difference ambient and phase. (< 40 C)	L1	4.60
	L2	4.40
	L3	2.60

Description

Normal

Recommended

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Thermoscan Report

P-16

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : CAPACITOR BANK 2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

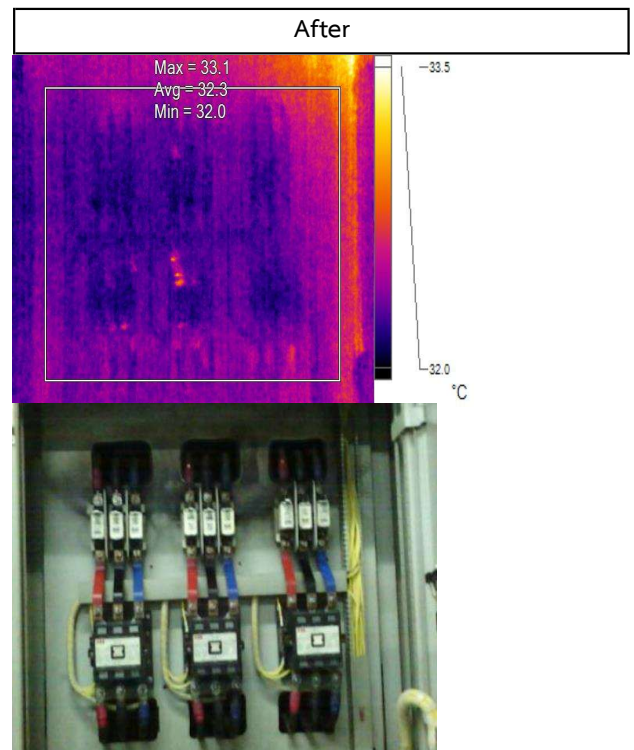
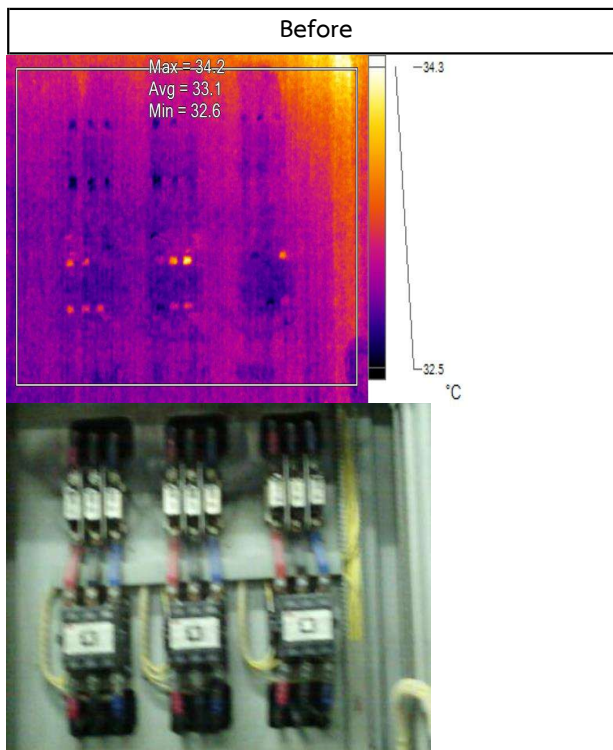
Ambient temperature : 30.00 °C

Equipment name : FUSE

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	33.10
	Min	32.60
	Max	34.20

List	Point	P1
Temperature of connection point	Avg	32.30
	Min	32.00
	Max	33.10

Description

Normal

Recommended

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Thermoscan Report

P-17

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : CAPACITOR BANK 2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

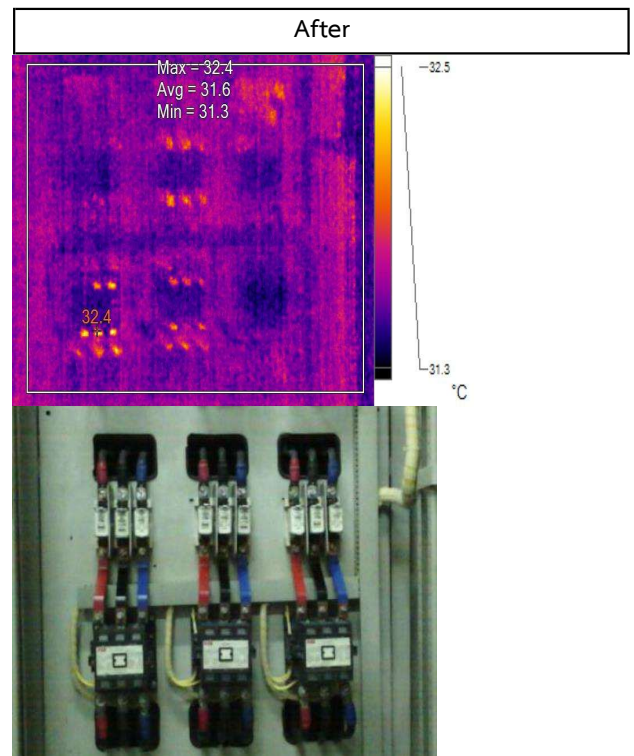
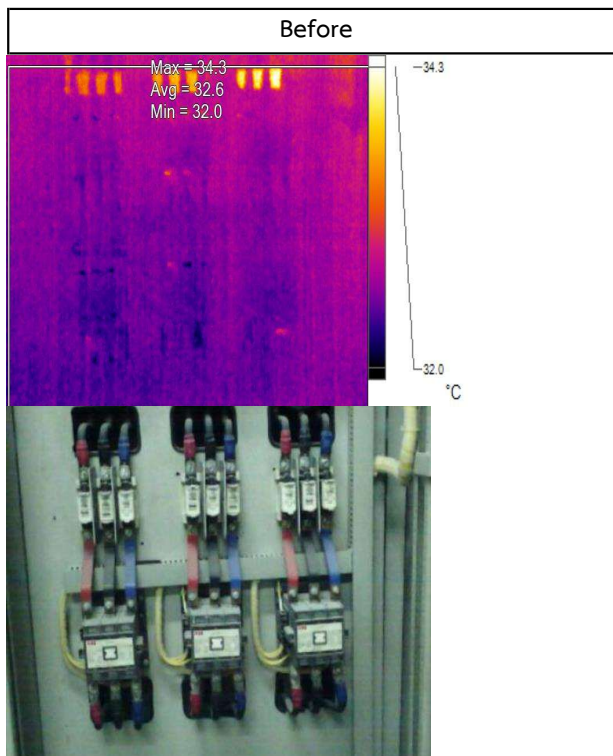
Ambient temperature : 30.00 °C

Equipment name : FUSE

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	32.60
	Min	32.00
	Max	34.40

List	Point	P1
Temperature of connection point	Avg	31.60
	Min	31.30
	Max	32.40

Description

Normal

Recommended

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Thermoscan Report

P-18

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : ATS

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

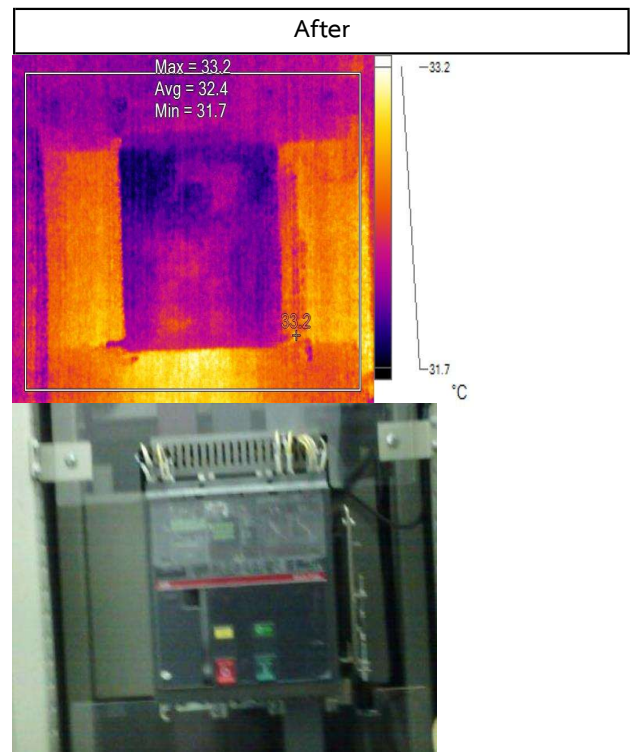
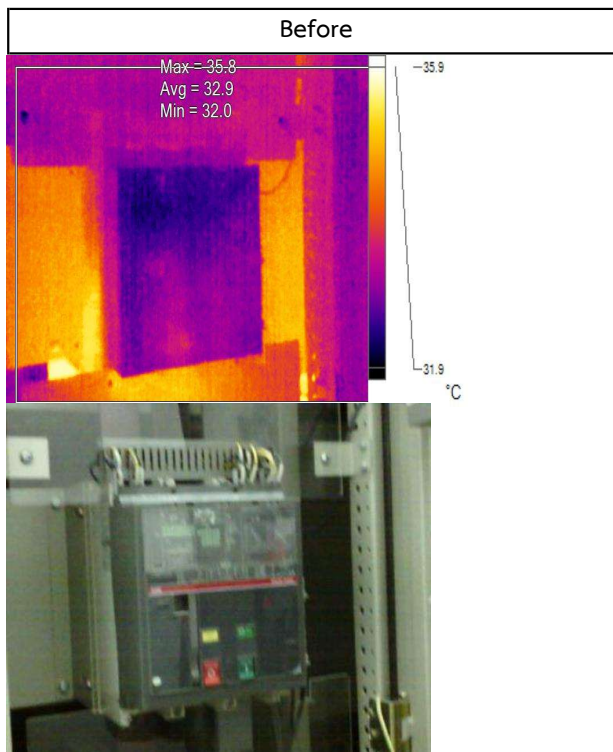
Ambient temperature : 30.00 °C

Equipment name : ACB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	32.90
	Min	32.00
	Max	35.80

List	Point	P1
Temperature of connection point	Avg	32.40
	Min	31.70
	Max	33.20

Description

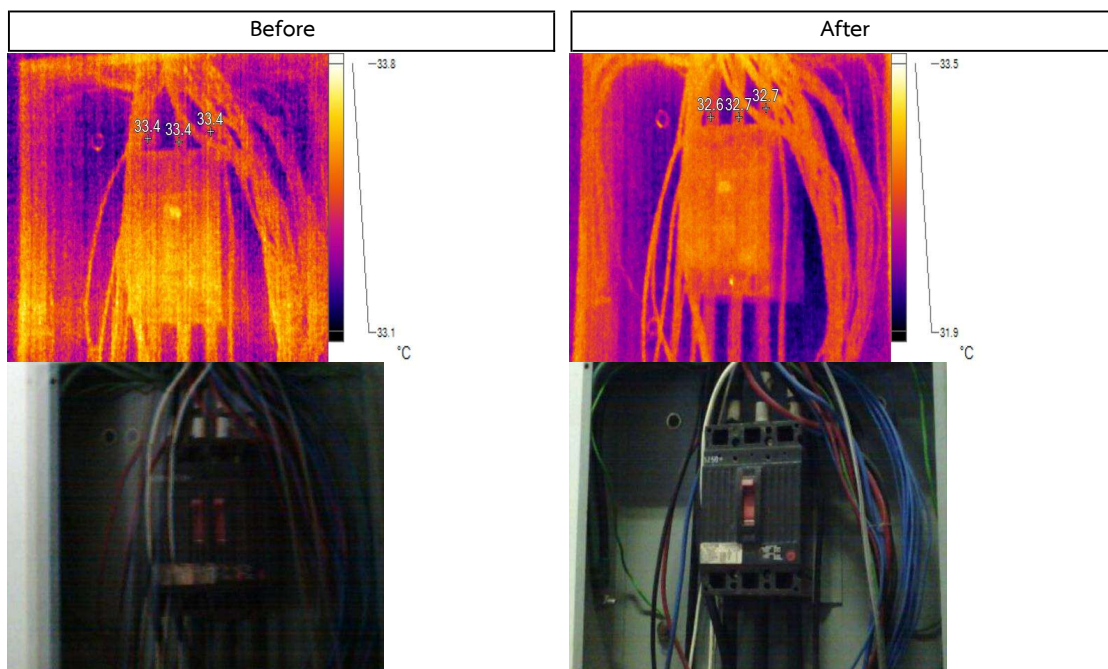
Normal

Recommended

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	Thermoscan Report	P-19
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A8/1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	33.40	Temperature of connection point	L1	32.60
	L2	33.40		L2	32.70
	L3	33.40		L3	32.70
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	0.00		L 2-3	0.00
	L 3-1	0.00		L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	3.40	Difference ambient and phase. (< 40 C)	L1	2.60
	L2	3.40		L2	2.70
	L3	3.40		L3	2.70

Description

Normal

Recommended

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Thermoscan Report

P-20

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A8/1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

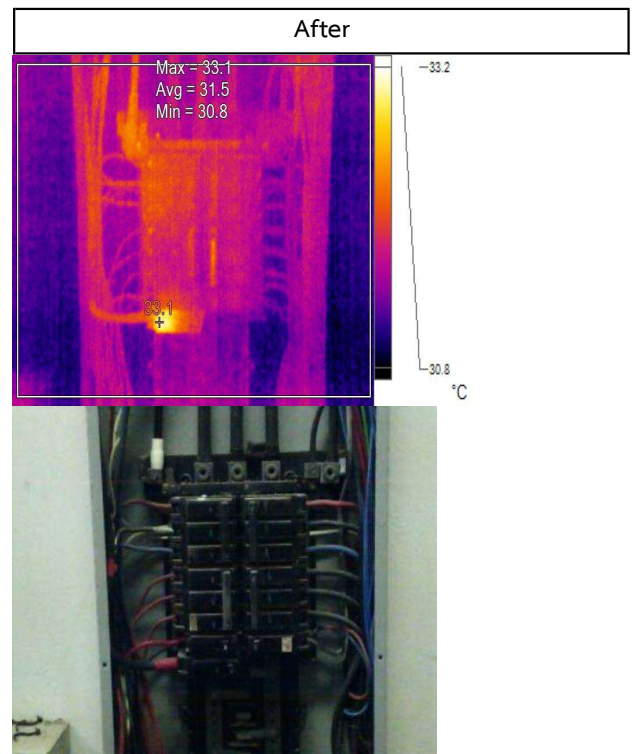
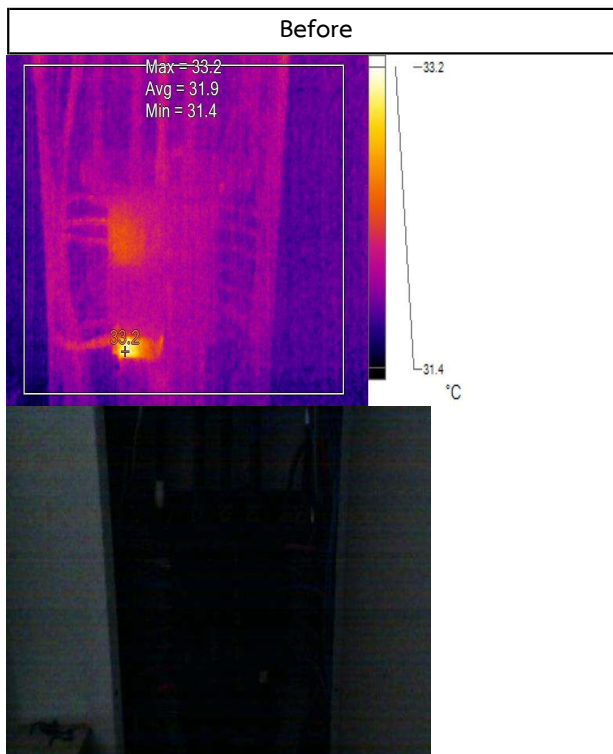
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	31.90
	Min	31.40
	Max	33.20

List	Point	P1
Temperature of connection point	Avg	31.50
	Min	30.80
	Max	33.10

Description

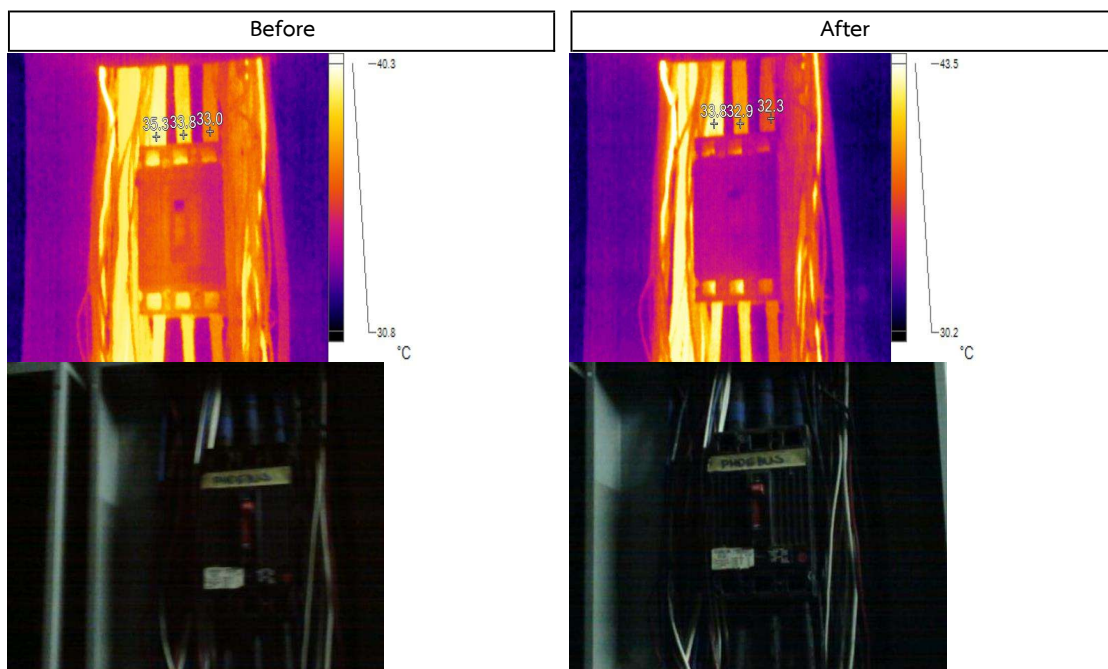
Normal

Recommended

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	Thermoscan Report	P-21
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A7/1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	35.30	Temperature of connection point	L1	33.80
	L2	33.80		L2	32.90
	L3	33.00		L3	32.30
Temperature between phase. (< 15 C)	L 1-2	1.50	Temperature between phase. (< 15 C)	L 1-2	0.90
	L 2-3	0.80		L 2-3	0.60
	L 3-1	2.30		L 3-1	1.50
Difference ambient and phase (< 40 C)	L1	5.30	Difference ambient and phase. (< 40 C)	L1	3.80
	L2	3.80		L2	2.90
	L3	3.00		L3	2.30

Description

Normal

Recommended

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Thermoscan Report

P-22

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A7/1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

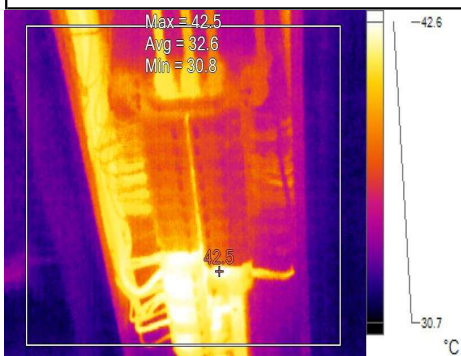
Equipment name : MCCB

After date : 30 เมษายน 2568

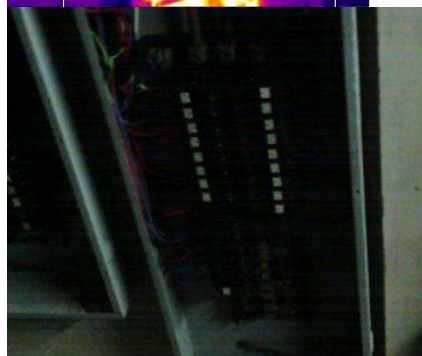
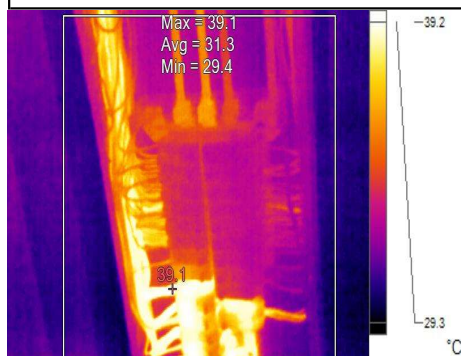
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	32.60
	Min	30.80
	Max	42.50

List	Point	P1
Temperature of connection point	Avg	31.30
	Min	29.40
	Max	39.10

Description

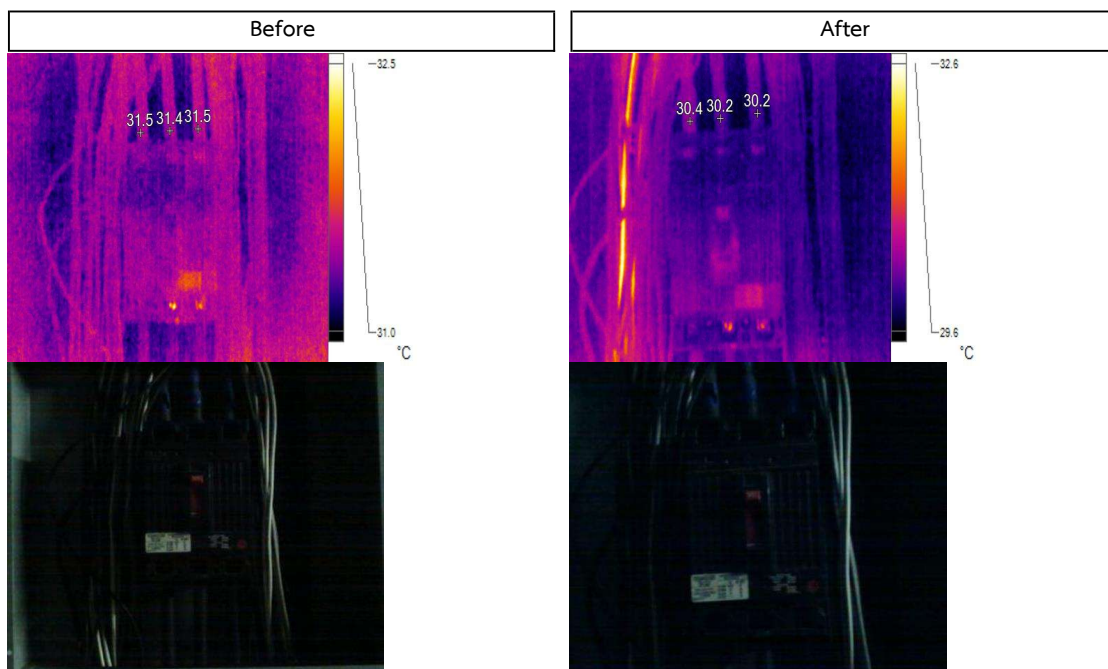
Normal

Recommended

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	Thermoscan Report	P-23
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A7/2	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1
Temperature of connection point	L1	31.50
	L2	31.40
	L3	31.50
Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	-0.10
	L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	1.50
	L2	1.40
	L3	1.50

List	Point	P1
Temperature of connection point	L1	30.40
	L2	30.20
	L3	30.20
Temperature between phase. (< 15 C)	L 1-2	0.20
	L 2-3	0.00
	L 3-1	0.20
Difference ambient and phase. (< 40 C)	L1	0.40
	L2	0.20
	L3	0.20

Description

Normal

Recommended

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Thermoscan Report

P-24

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A7/2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

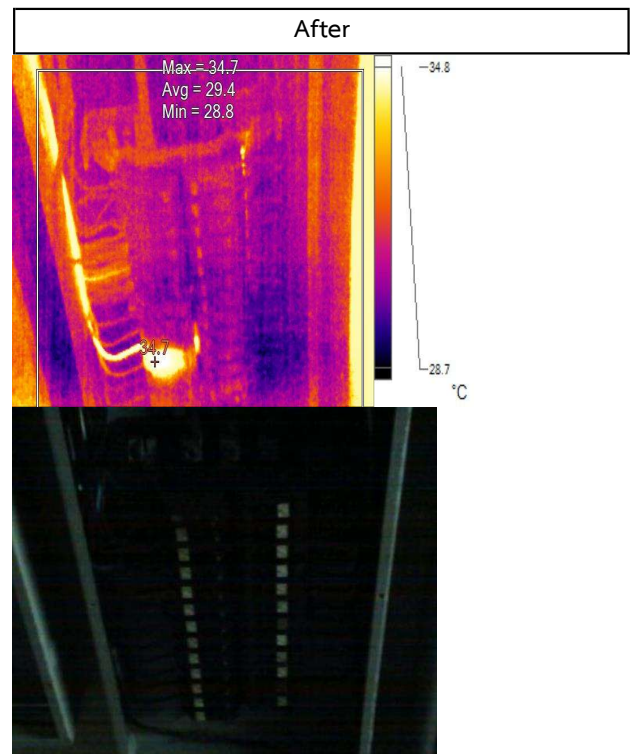
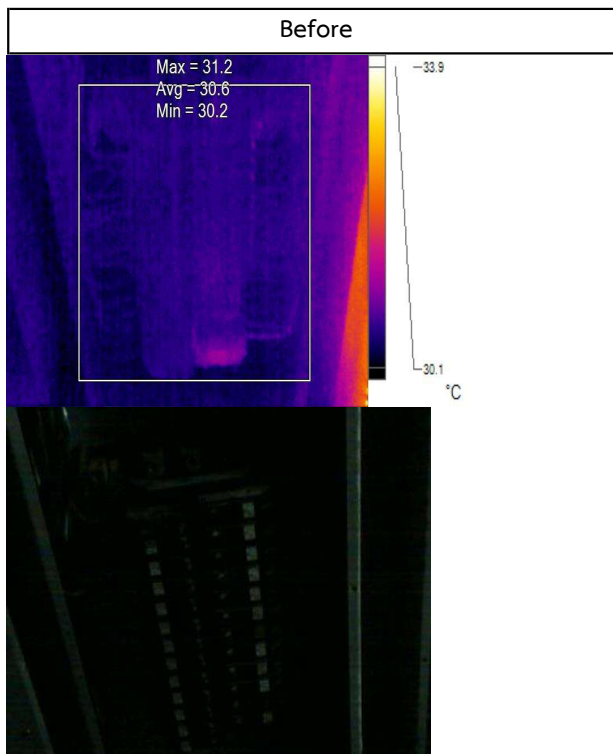
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	30.60
	Min	30.20
	Max	31.20

List	Point	P1
Temperature of connection point	Avg	29.40
	Min	28.80
	Max	34.70

Description

Normal

Recommended

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	Thermoscan Report	P-25
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Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A7/3E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

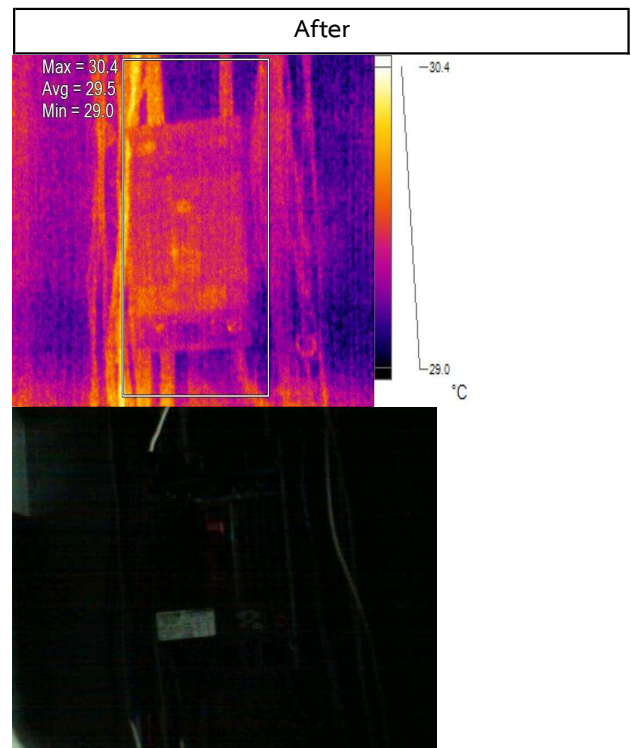
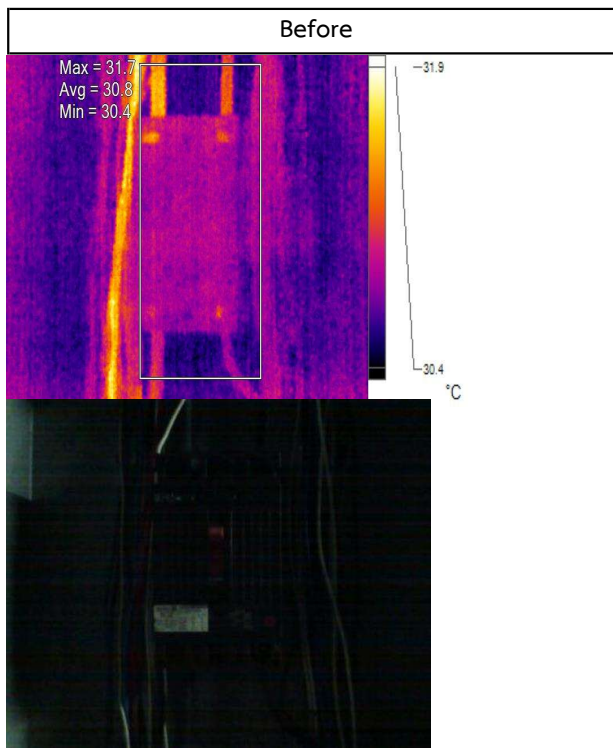
Ambient temperature : 30.00 °C

Equipment name : Main MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	30.80
	Min	30.40
	Max	31.70

List	Point	P1
Temperature of connection point	Avg	29.50
	Min	29.00
	Max	30.40

Description

Normal

Recommended

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Thermoscan Report

P-26

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A7/3E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

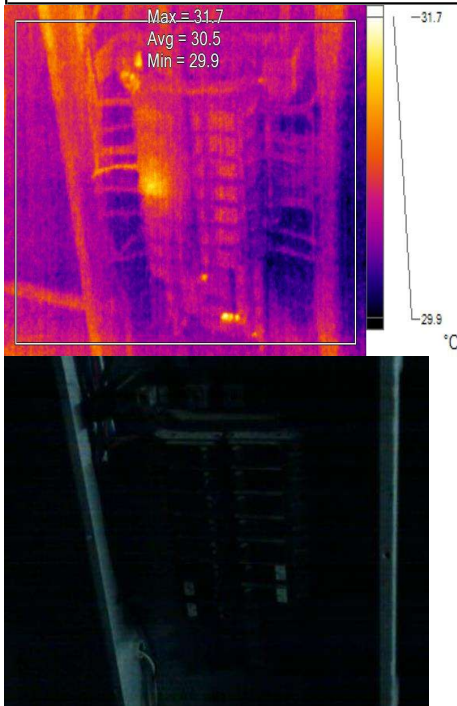
Equipment name : MCCB

After date : 30 เมษายน 2568

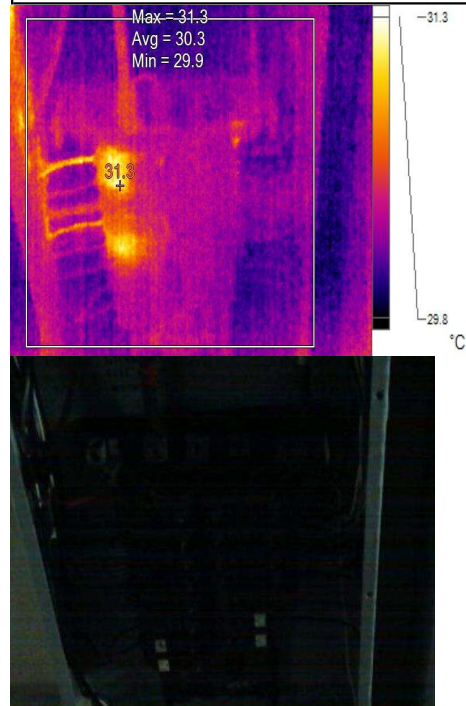
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	30.50
	Min	29.90
	Max	31.70

List	Point	P1
Temperature of connection point	Avg	30.30
	Min	29.90
	Max	31.30

Description

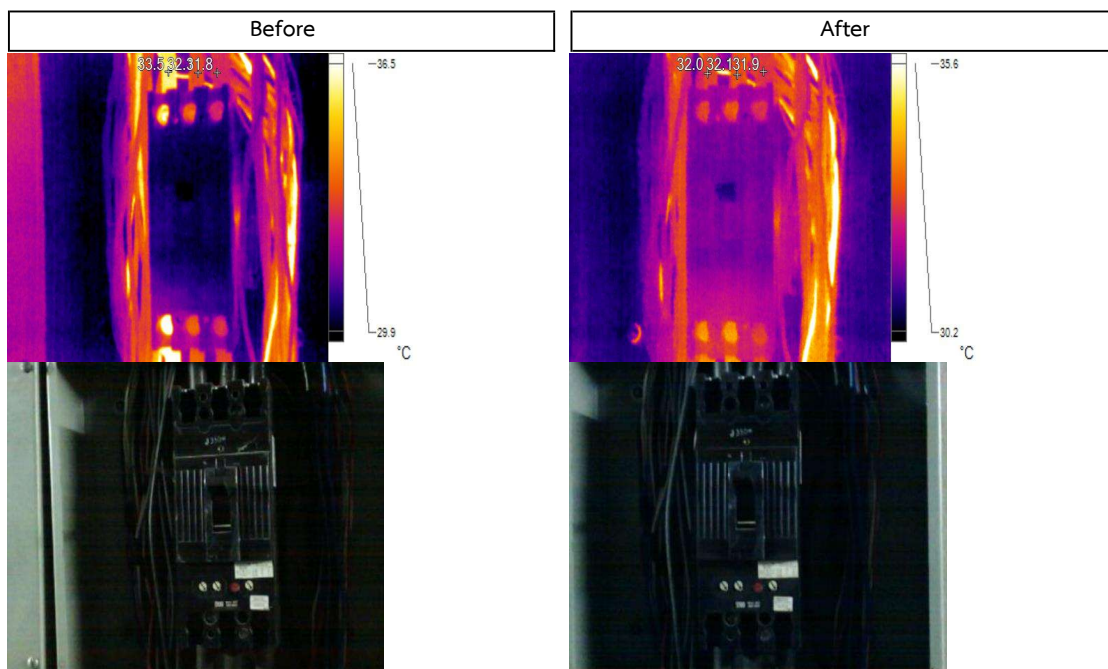
Normal

Recommended

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	Thermoscan Report	P-27
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A6/1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	33.50	Temperature of connection point	L1	32.00
	L2	32.10		L2	32.10
	L3	31.80		L3	31.90
Temperature between phase. (< 15 C)	L 1-2	1.40	Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	0.30		L 2-3	0.20
	L 3-1	1.70		L 3-1	0.10
Difference ambient and phase (< 40 C)	L1	3.50	Difference ambient and phase. (< 40 C)	L1	2.00
	L2	2.10		L2	2.10
	L3	1.80		L3	1.90

Description

Normal

Recommended

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Thermoscan Report

P-28

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A6/1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

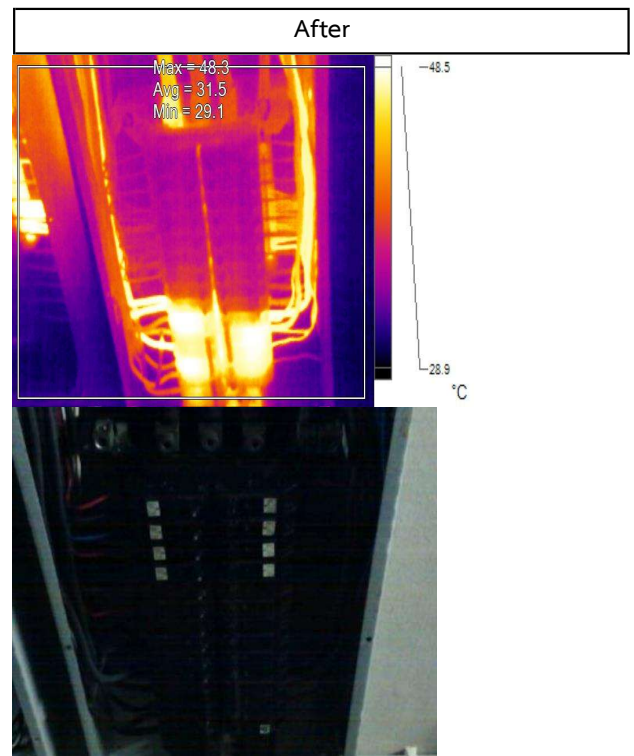
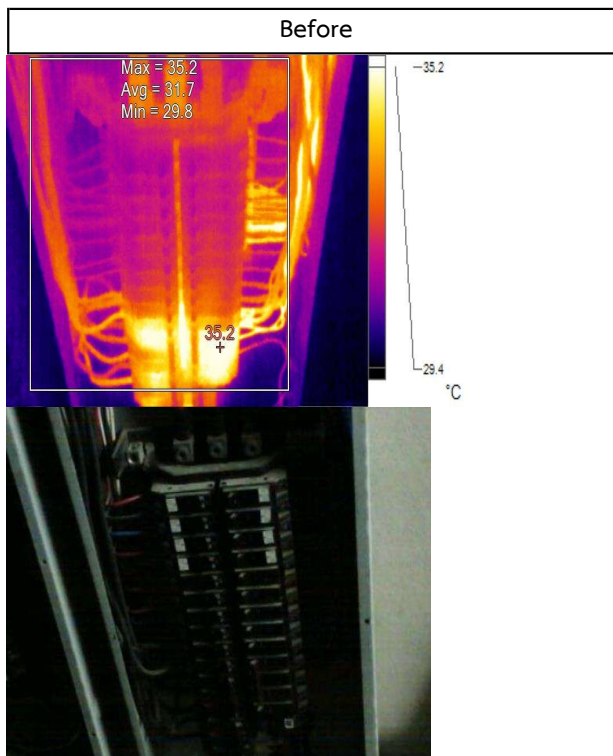
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	31.70
	Min	29.80
	Max	35.20

List	Point	P1
Temperature of connection point	Avg	31.50
	Min	29.10
	Max	48.30

Description

Normal

Recommended

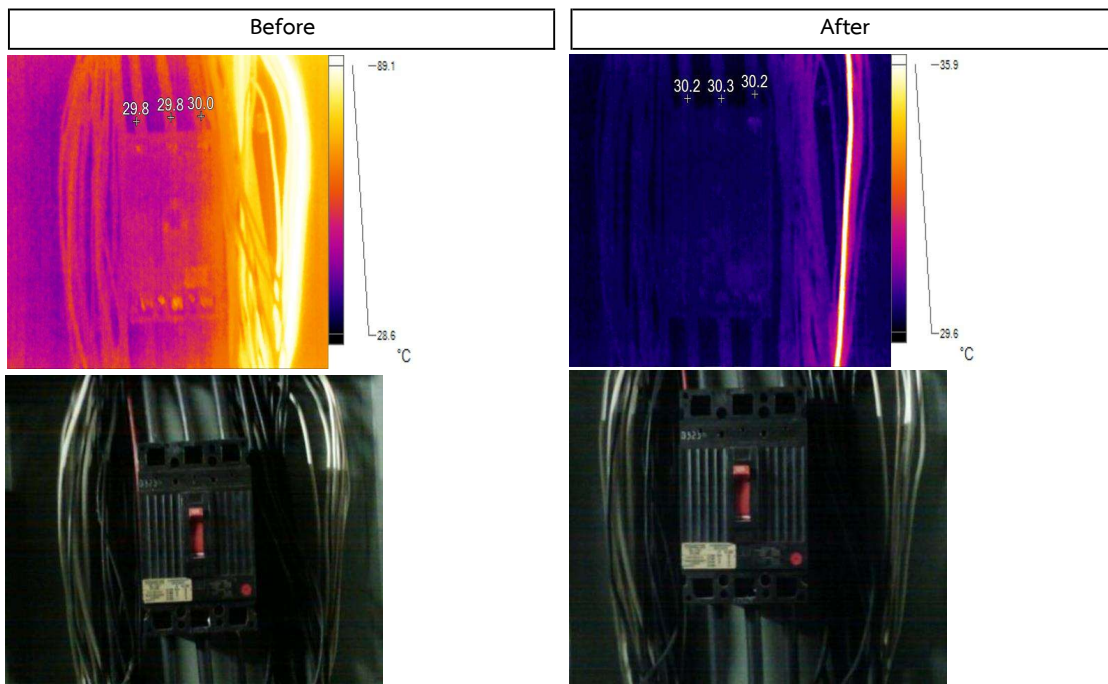
-



Thermoscan Report

P-29

Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A6/2	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	30.20	Temperature of connection point	L1	29.80
	L2	30.30		L2	29.80
	L3	30.20		L3	30.00
Temperature between phase. (< 15 C)	L 1-2	-0.10	Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.10		L 2-3	-0.20
	L 3-1	0.00		L 3-1	-0.20
Difference ambient and phase (< 40 C)	L1	0.20	Difference ambient and phase. (< 40 C)	L1	-0.20
	L2	0.30		L2	-0.20
	L3	0.20		L3	0.00

Description

Normal

Recommended

- สายนิวทรัล อุนหภูมิสูงผิดปกติ ยังไม่ได้แก้ไข (ปัจจุบัน ลดการใช้กระแส)



Thermoscan Report

P-30

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A6/2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

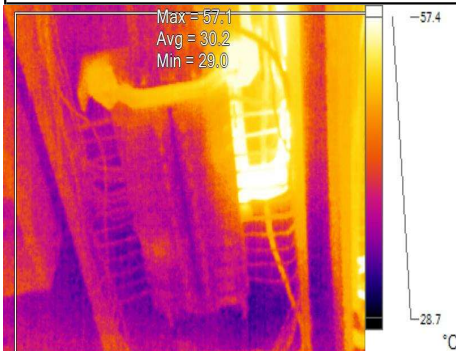
Equipment name : MCCB

After date : 30 เมษายน 2568

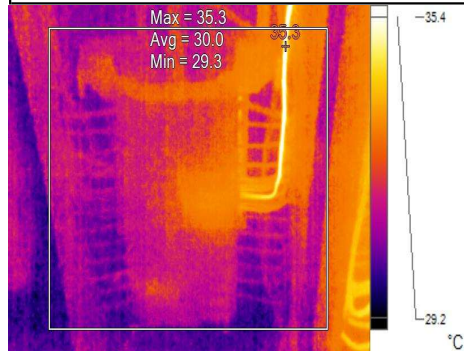
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	30.20
	Min	29.00
	Max	57.10

List	Point	P1
Temperature of connection point	Avg	30.00
	Min	29.30
	Max	35.30

Description

Normal

Recommended

-



Thermoscan Report

P-31

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A6/3E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

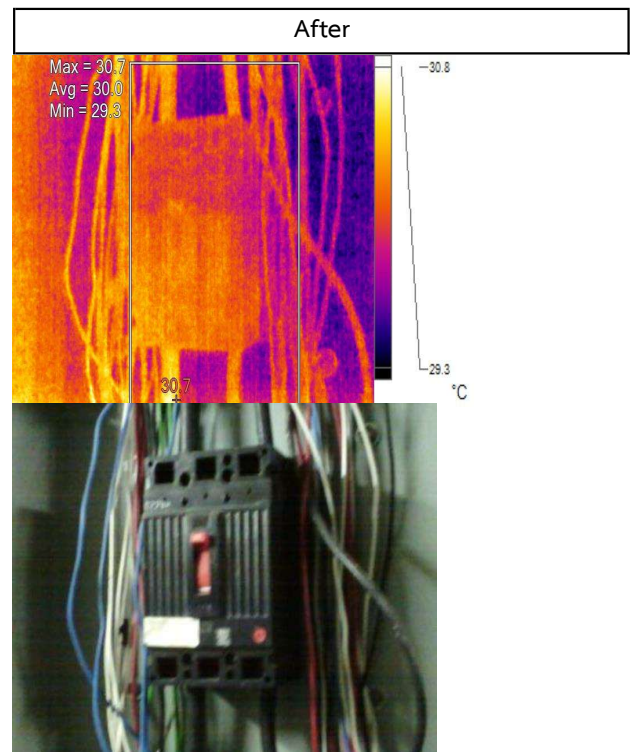
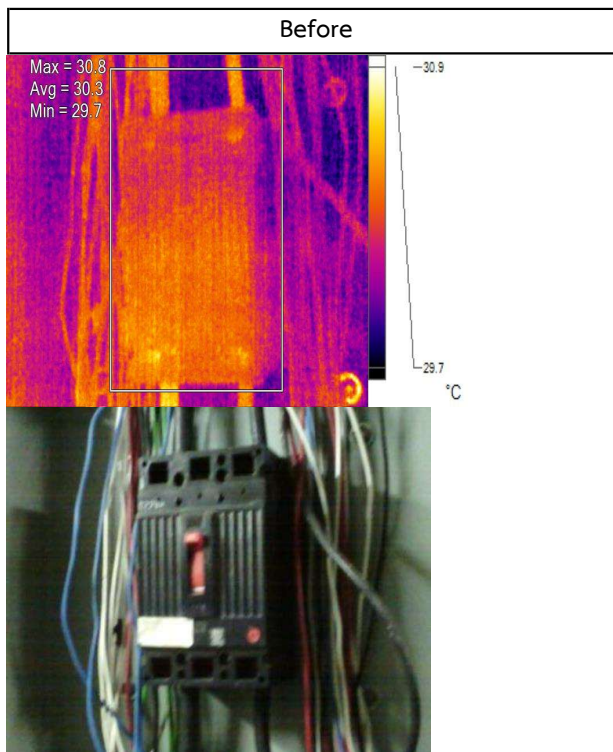
Ambient temperature : 30.00 °C

Equipment name : Main MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	30.30
	Min	29.70
	Max	30.80

List	Point	P1
Temperature of connection point	Avg	30.00
	Min	29.30
	Max	30.70

Description

Normal

Recommended

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Thermoscan Report

P-32

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A6/3E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

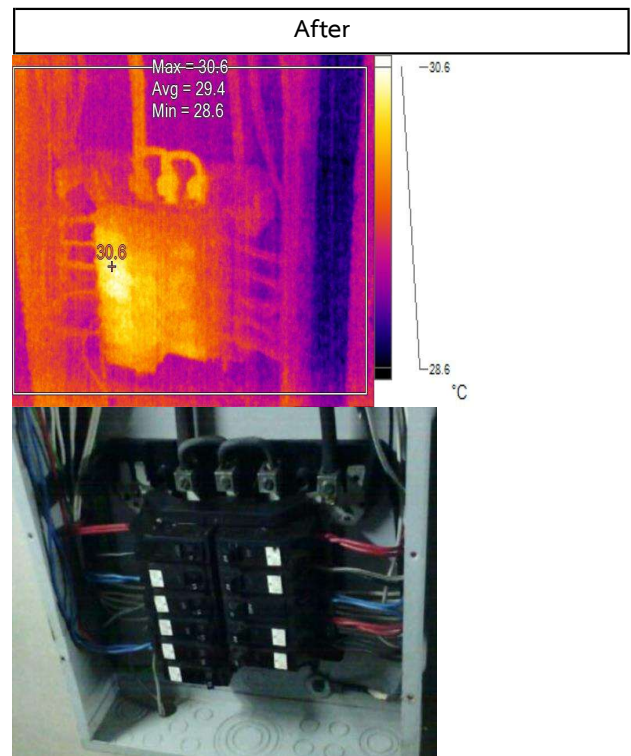
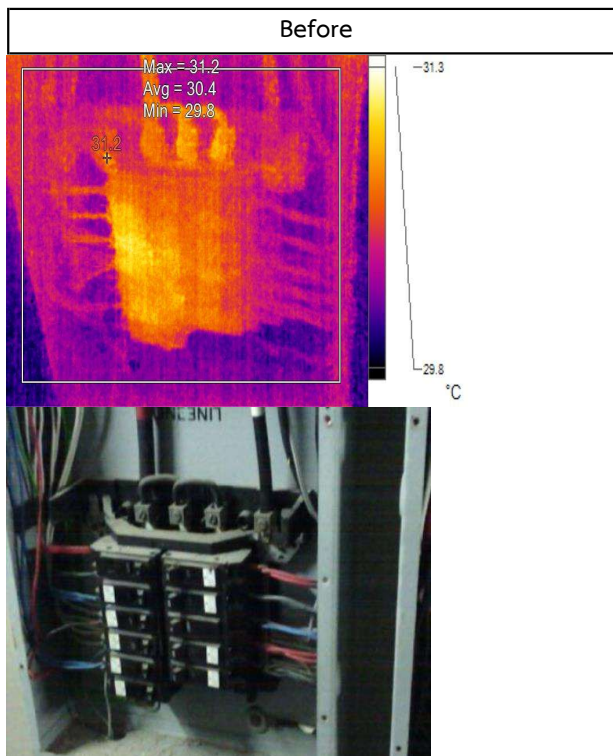
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	30.40
	Min	29.80
	Max	31.20

List	Point	P1
Temperature of connection point	Avg	29.40
	Min	28.60
	Max	30.60

Description

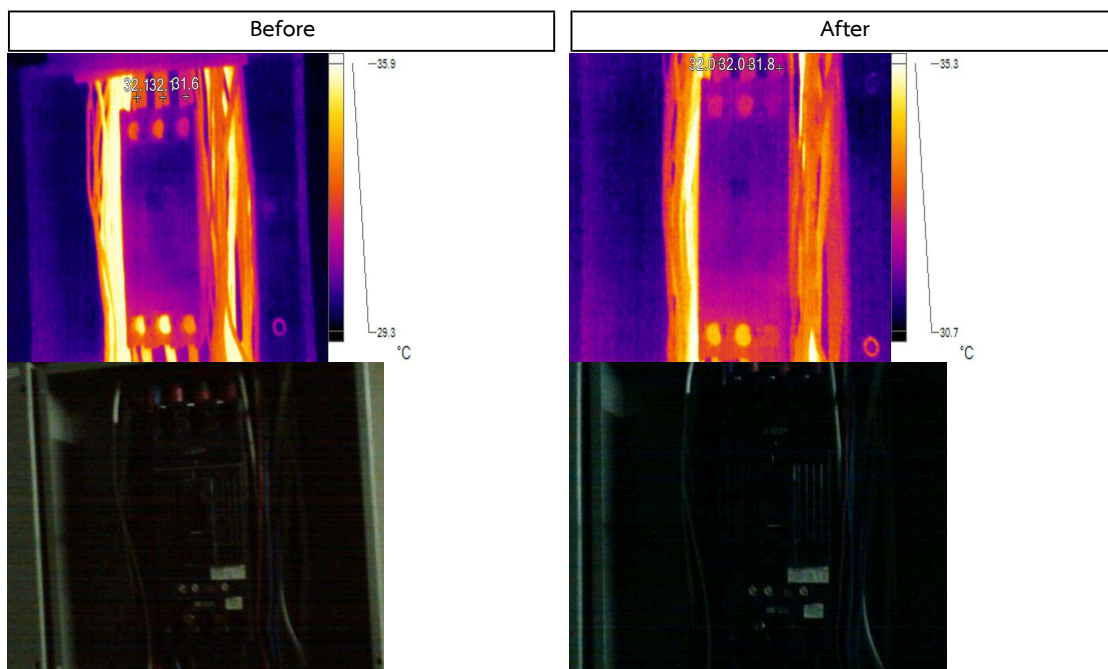
Normal

Recommended

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	Thermoscan Report	P-33
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A5/1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1
Temperature of connection point	L1	32.10
	L2	32.10
	L3	31.60
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.50
	L 3-1	0.50
Difference ambient and phase (< 40 C)	L1	2.10
	L2	2.10
	L3	1.60

List	Point	P1
Temperature of connection point	L1	32.00
	L2	32.00
	L3	31.80
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.20
	L 3-1	0.20
Difference ambient and phase. (< 40 C)	L1	2.00
	L2	2.00
	L3	1.80

Description

Normal

Recommended

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Thermoscan Report

P-34

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A5/1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

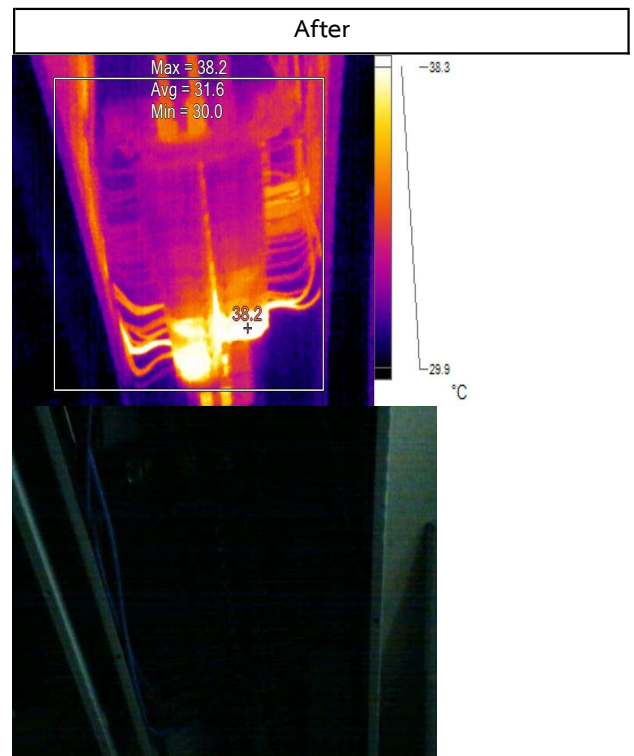
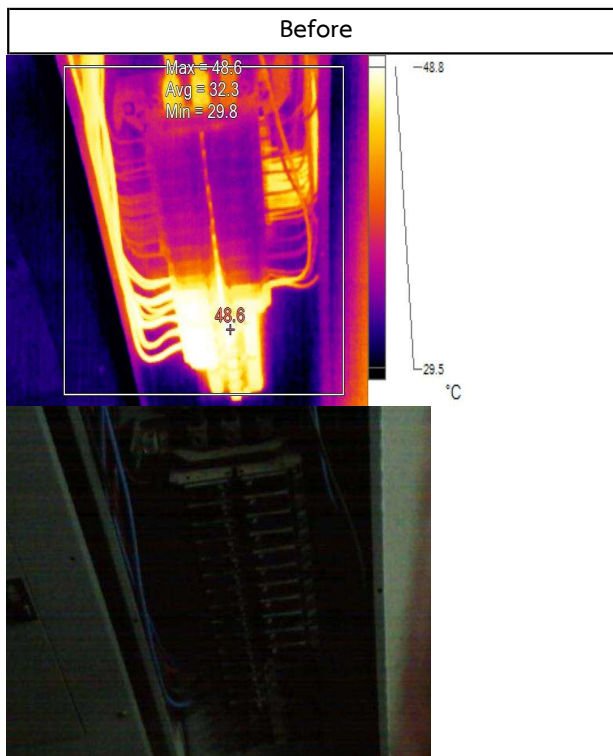
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	32.30
	Min	29.80
	Max	48.60

List	Point	P1
Temperature of connection point	Avg	31.60
	Min	30.00
	Max	38.20

Description

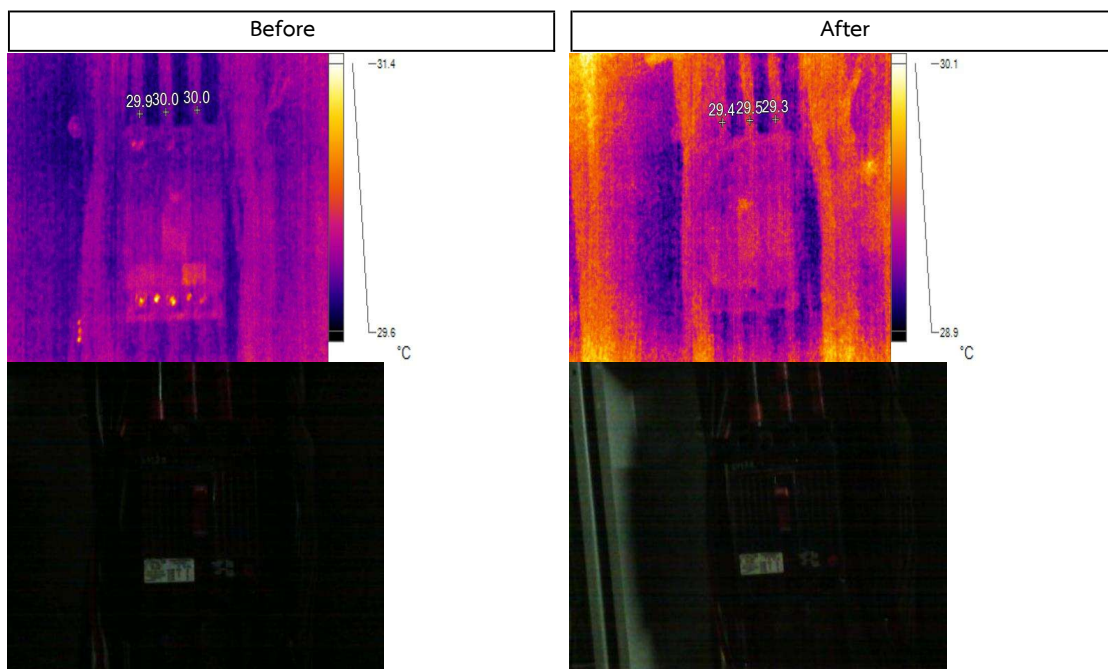
Normal

Recommended

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	Thermoscan Report	P-35
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A5/2	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	29.90	Temperature of connection point	L1	29.40
	L2	30.00		L2	29.50
	L3	30.00		L3	29.30
Temperature between phase. (< 15 C)	L 1-2	-0.10	Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	0.00		L 2-3	0.20
	L 3-1	-0.10		L 3-1	0.10
Difference ambient and phase (< 40 C)	L1	-0.10	Difference ambient and phase. (< 40 C)	L1	-0.60
	L2	0.00		L2	-0.50
	L3	0.00		L3	-0.70

Description

Normal

Recommended

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Thermoscan Report

P-36

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A5/2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

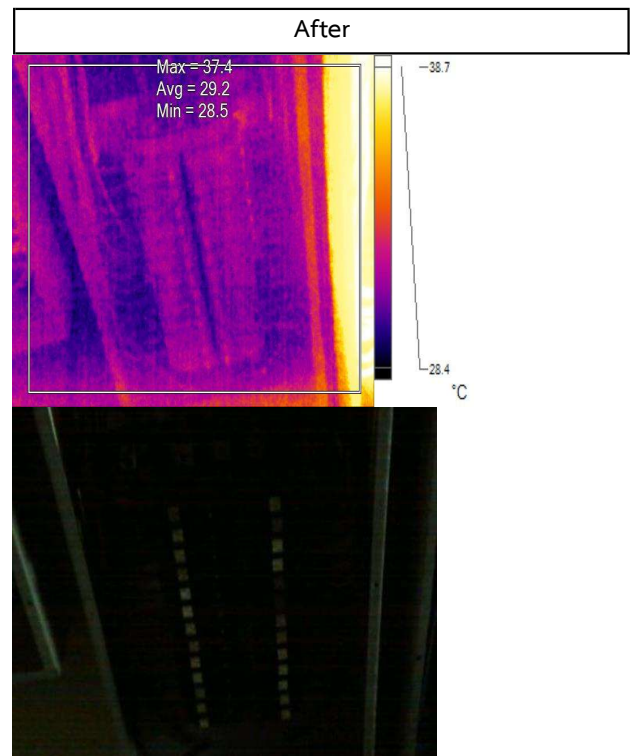
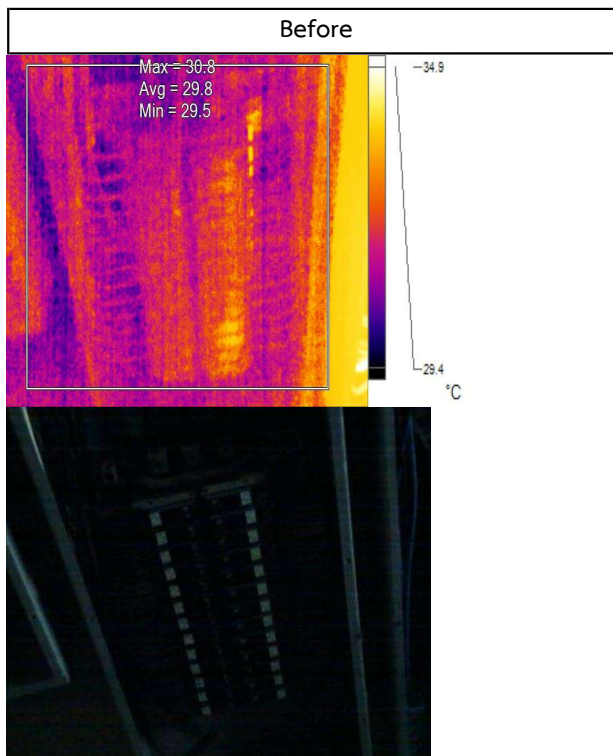
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	28.90
	Min	29.50
	Max	30.80

List	Point	P1
Temperature of connection point	Avg	29.20
	Min	28.50
	Max	37.40

Description

Normal

Recommended

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Thermoscan Report

P-37

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A5/3E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

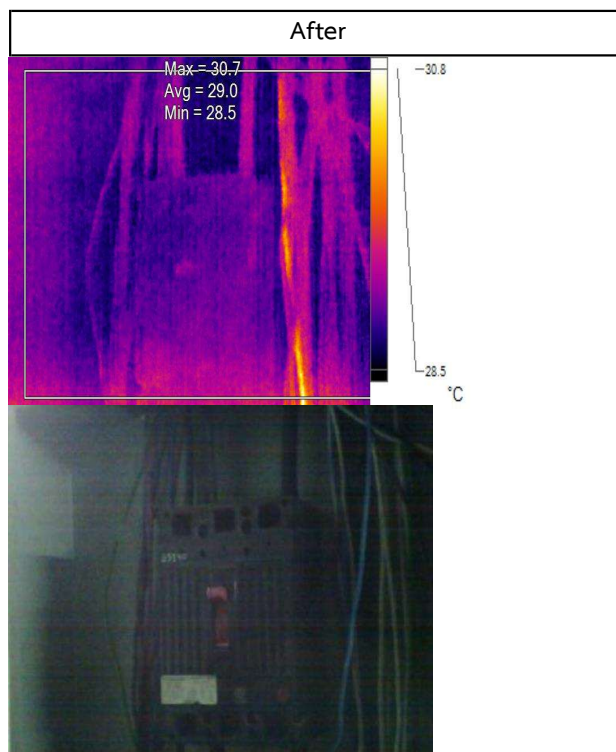
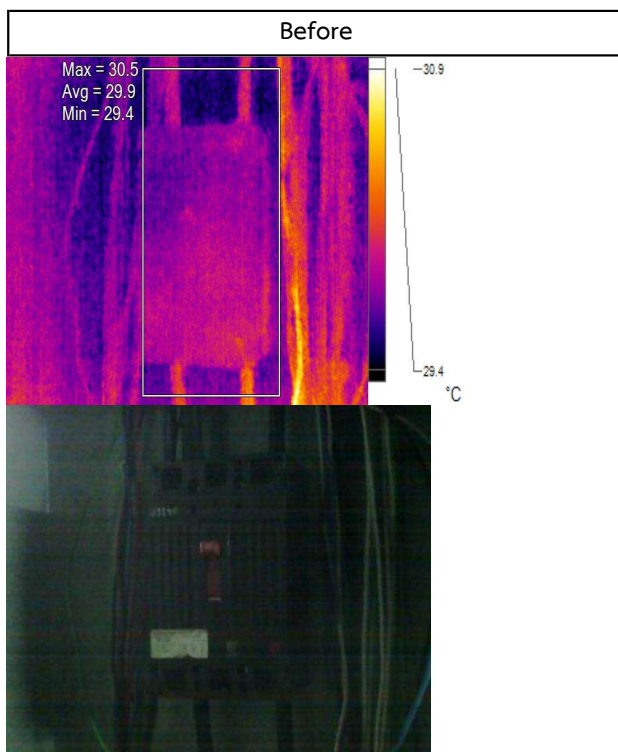
Ambient temperature : 30.00 °C

Equipment name : Main MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	29.90
	Min	29.40
	Max	30.50

List	Point	P1
Temperature of connection point	Avg	29.00
	Min	28.50
	Max	30.70

Description

Normal

Recommended

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Thermoscan Report

P-38

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A5/3E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

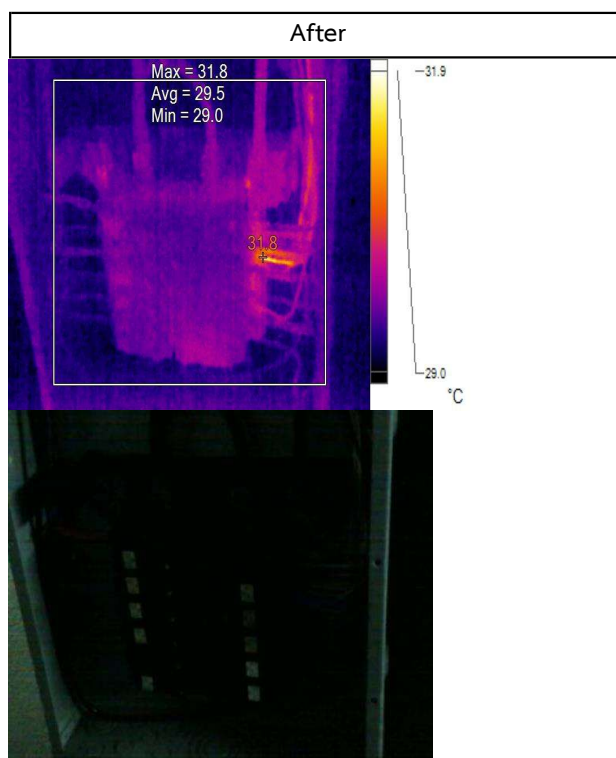
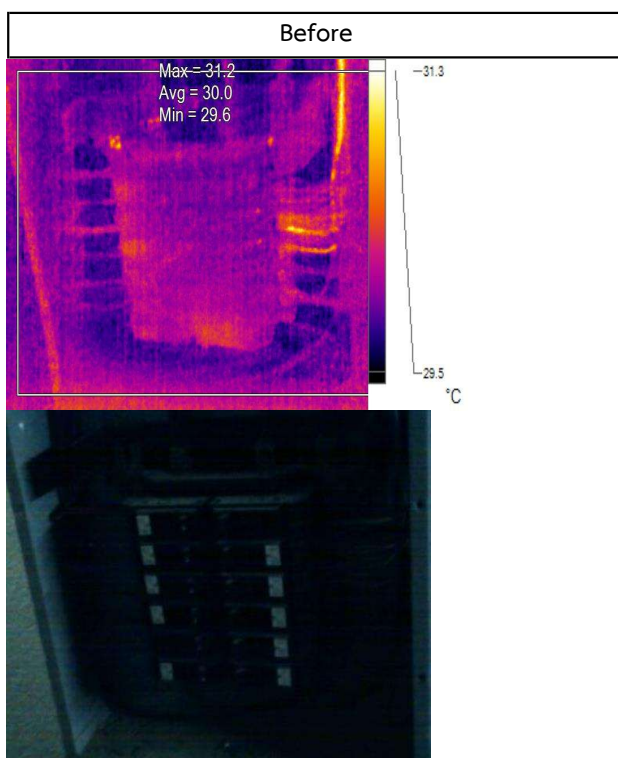
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	30.00
	Min	29.60
	Max	31.20

List	Point	P1
Temperature of connection point	Avg	29.50
	Min	29.00
	Max	31.80

Description

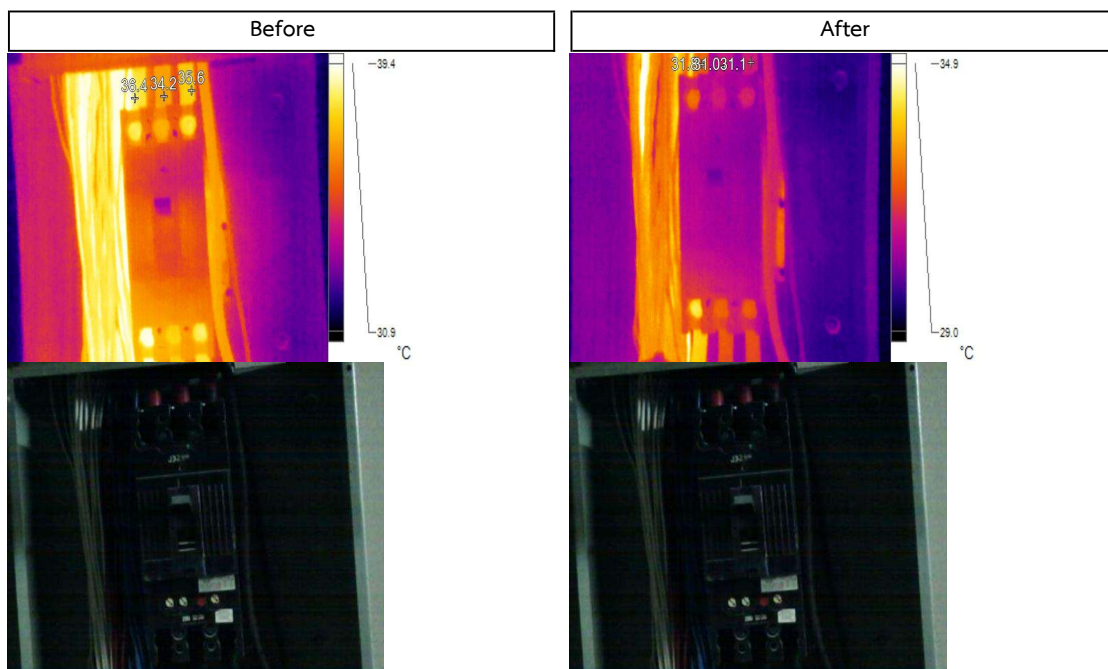
Normal

Recommended

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	Thermoscan Report	P-39
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Company	:	โรงพยาบาลสิริเวชจันทบุรี	Equipment name	:	Main MCCB
Location	:	A4/1	After date	:	30 เมษายน 2568
Before date	:	28 เมษายน 2568	Photographer	:	S.KITIPHAN
Photographer	:	S.KITIPHAN	Ambient temperature	:	30.00 °C
Ambient temperature	:	30.00 °C			



List	Point	P1	List	Point	P1
Temperature of connection point	L1	36.40	Temperature of connection point	L1	31.80
	L2	34.20		L2	31.00
	L3	35.60		L3	31.10
Temperature between phase. (< 15 C)	L 1-2	2.20	Temperature between phase. (< 15 C)	L 1-2	0.80
	L 2-3	-1.40		L 2-3	-0.10
	L 3-1	0.80		L 3-1	0.70
Difference ambient and phase (< 40 C)	L1	6.40	Difference ambient and phase. (< 40 C)	L1	1.80
	L2	4.20		L2	1.00
	L3	5.60		L3	1.10

Description

Normal

Recommended

-



Thermoscan Report

P-40

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A4/1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

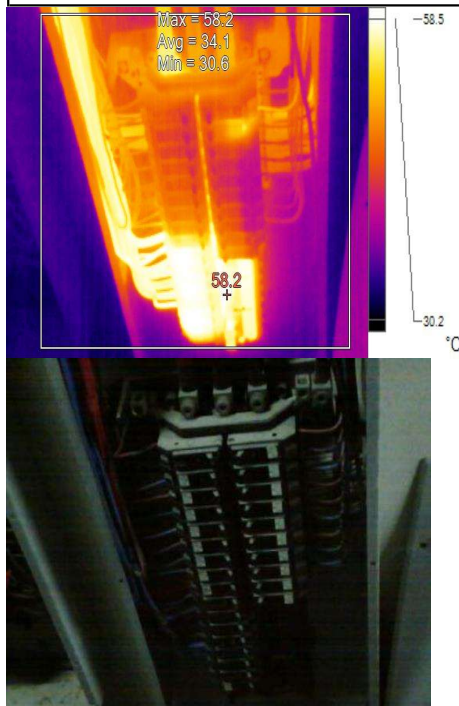
Equipment name : MCCB

After date : 30 เมษายน 2568

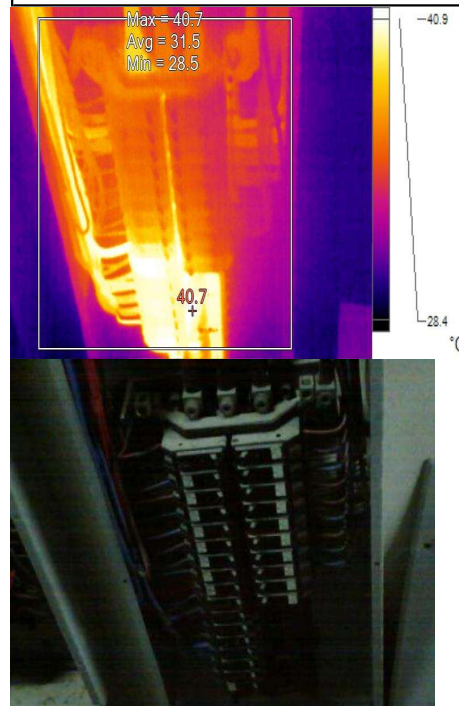
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	34.10
	Min	30.60
	Max	58.20

List	Point	P1
Temperature of connection point	Avg	31.50
	Min	28.50
	Max	40.70

Description

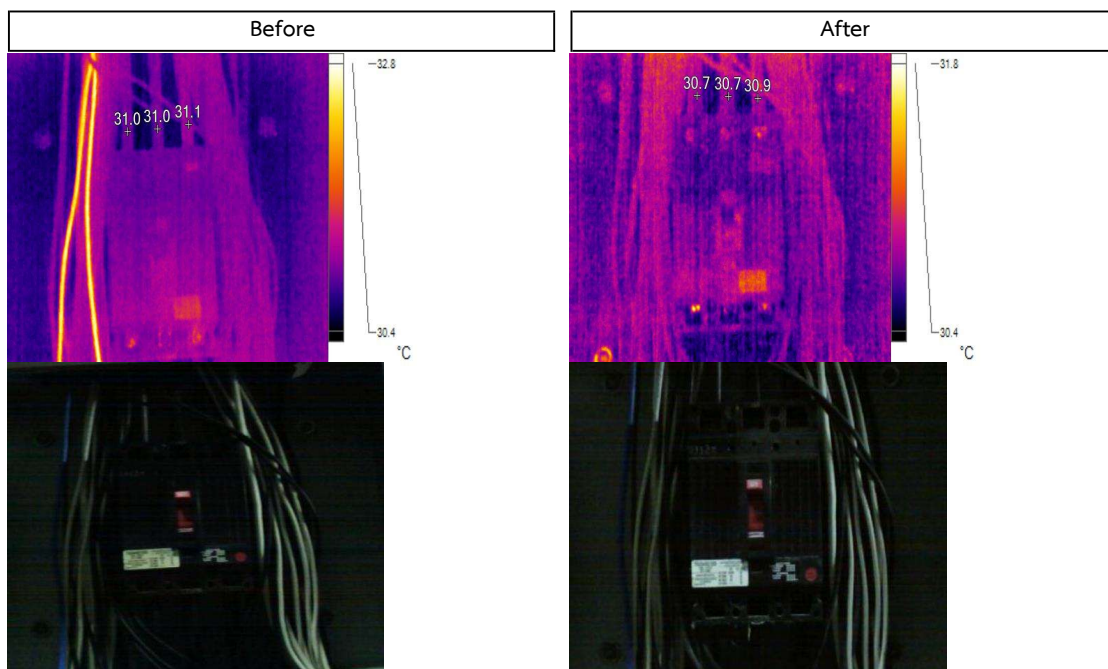
Normal

Recommended

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	Thermoscan Report	P-41
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A4/2	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	31.00	Temperature of connection point	L1	30.70
	L2	31.00		L2	30.70
	L3	31.10		L3	30.90
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	-0.10		L 2-3	-0.20
	L 3-1	-0.10		L 3-1	-0.20
Difference ambient and phase (< 40 C)	L1	1.00	Difference ambient and phase. (< 40 C)	L1	0.70
	L2	1.00		L2	0.70
	L3	1.10		L3	0.90

Description

Normal

Recommended

-



Thermoscan Report

P-42

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A4/2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

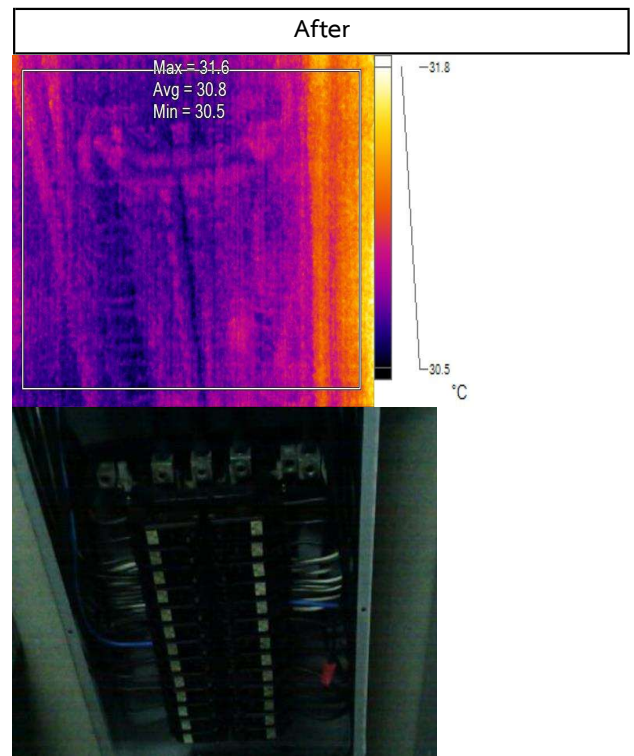
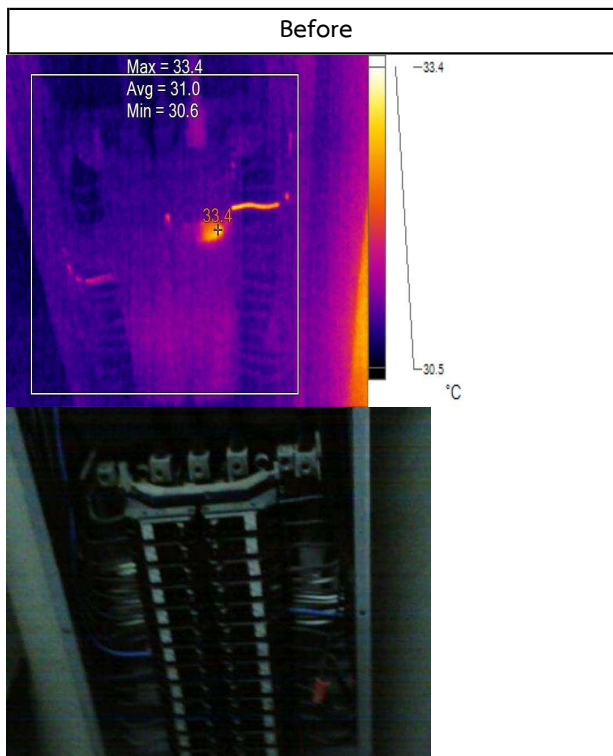
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	31.00
	Min	30.60
	Max	33.40

List	Point	P1
Temperature of connection point	Avg	30.80
	Min	30.50
	Max	31.60

Description

Normal

Recommended

-



Thermoscan Report

P-43

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A4/3E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

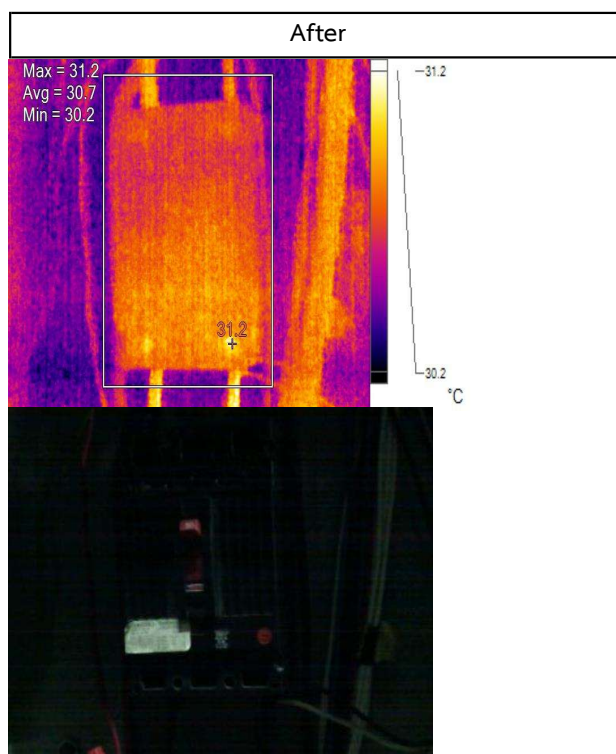
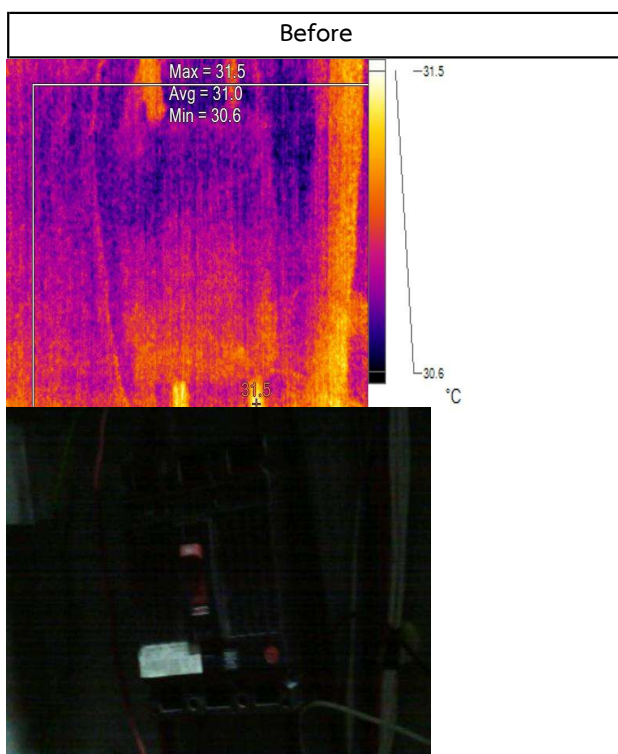
Ambient temperature : 30.00 °C

Equipment name : Main MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	31.00
	Min	30.60
	Max	31.50

List	Point	P1
Temperature of connection point	Avg	30.70
	Min	30.20
	Max	31.20

Description

Normal

Recommended

-



Thermoscan Report

P-44

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A4/3E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

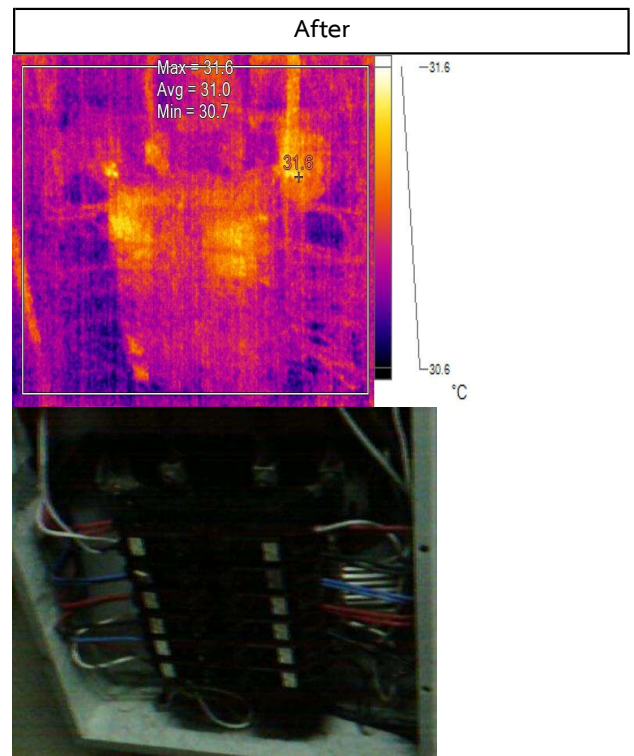
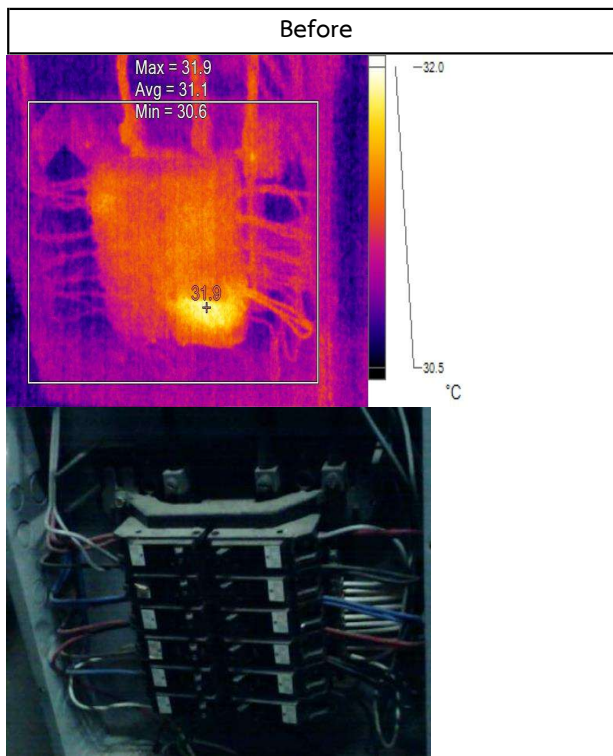
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	31.10
	Min	30.60
	Max	31.90

List	Point	P1
Temperature of connection point	Avg	31.00
	Min	30.70
	Max	31.60

Description

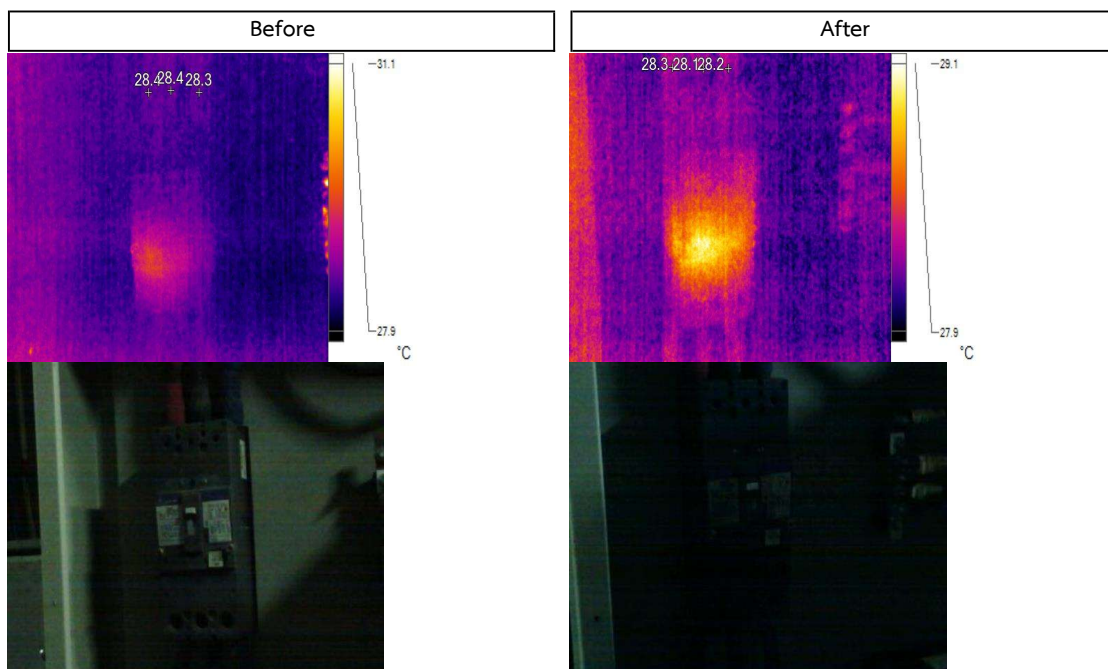
Normal

Recommended

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	Thermoscan Report	P-45
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	28.40	Temperature of connection point	L1	28.30
	L2	28.40		L2	28.10
	L3	28.30		L3	28.20
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	0.20
	L 2-3	0.10		L 2-3	-0.10
	L 3-1	0.10		L 3-1	0.10
Difference ambient and phase (< 40 C)	L1	-1.60	Difference ambient and phase. (< 40 C)	L1	-1.70
	L2	-1.60		L2	-1.90
	L3	-1.70		L3	-1.80

Description

Normal

Recommended

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Thermoscan Report

P-46

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A3/1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

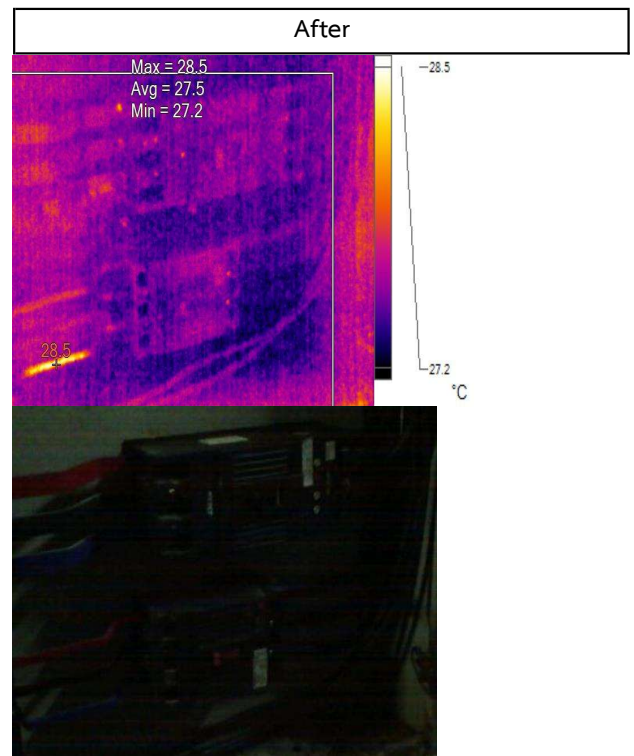
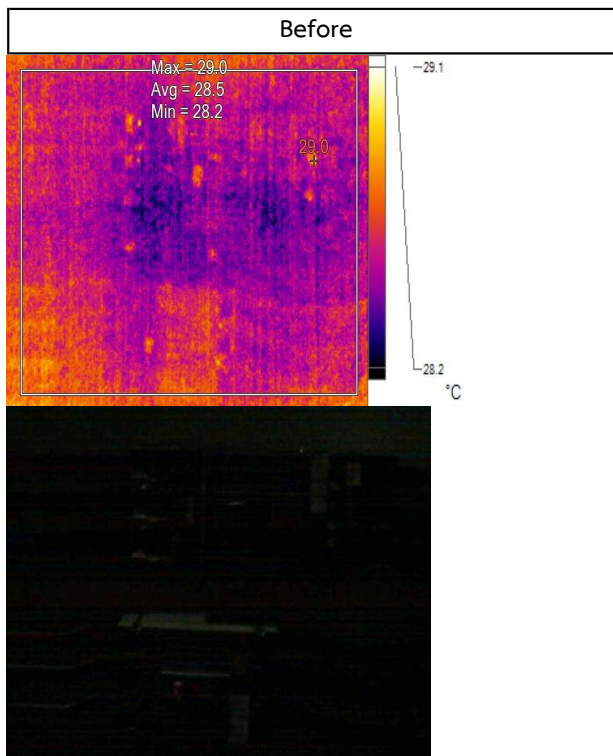
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	28.50
	Min	28.20
	Max	29.00

List	Point	P1
Temperature of connection point	Avg	27.50
	Min	27.20
	Max	28.50

Description

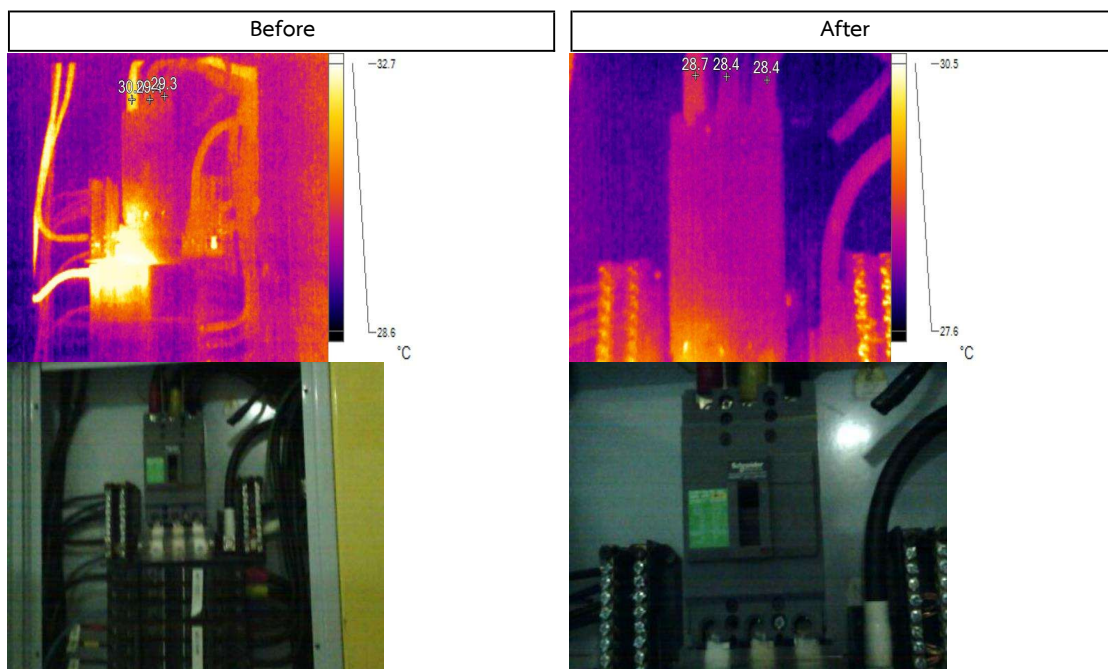
Normal

Recommended

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	Thermoscan Report	P-47
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/2	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	30.00	Temperature of connection point	L1	28.70
	L2	29.40		L2	28.40
	L3	29.30		L3	28.40
Temperature between phase. (< 15 C)	L 1-2	0.60	Temperature between phase. (< 15 C)	L 1-2	0.30
	L 2-3	0.10		L 2-3	0.00
	L 3-1	0.70		L 3-1	0.30
Difference ambient and phase (< 40 C)	L1	0.00	Difference ambient and phase. (< 40 C)	L1	-1.30
	L2	-0.60		L2	-1.60
	L3	-0.70		L3	-1.60

Description

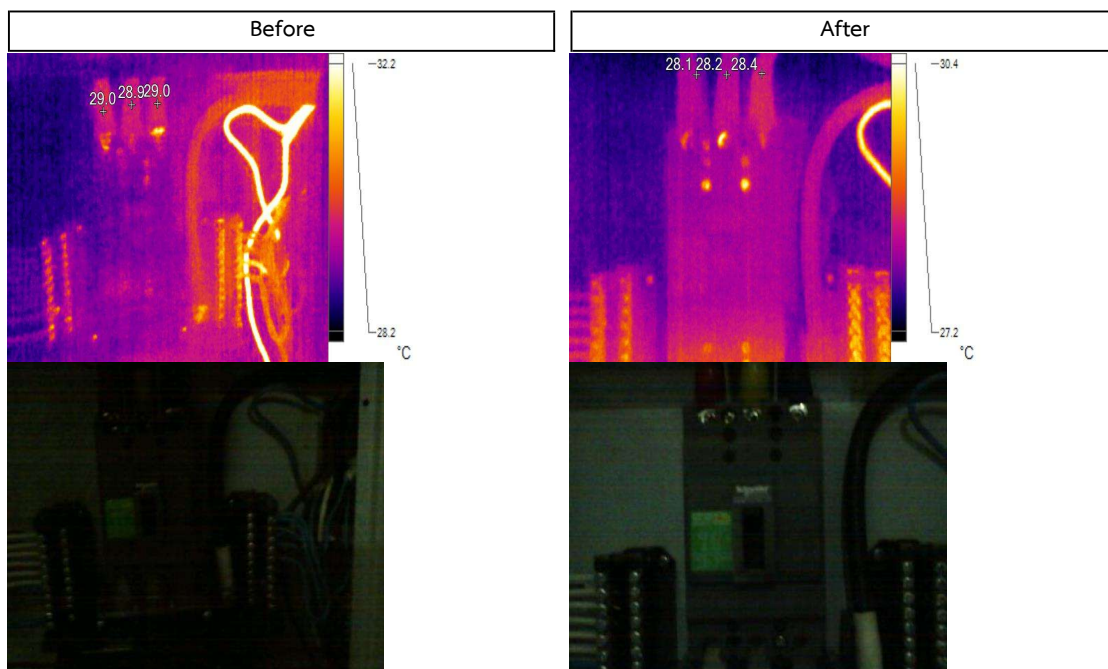
Normal

Recommended

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	Thermoscan Report	P-48
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/3	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	29.00	Temperature of connection point	L1	28.10
	L2	28.90		L2	28.20
	L3	29.00		L3	28.40
Temperature between phase. (< 15 C)	L 1-2	0.10	Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	-0.10		L 2-3	-0.20
	L 3-1	0.00		L 3-1	-0.30
Difference ambient and phase (< 40 C)	L1	-1.00	Difference ambient and phase. (< 40 C)	L1	-1.90
	L2	-1.10		L2	-1.80
	L3	-1.00		L3	-1.60

Description

Normal

Recommended

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Thermoscan Report

P-49

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A3/3

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

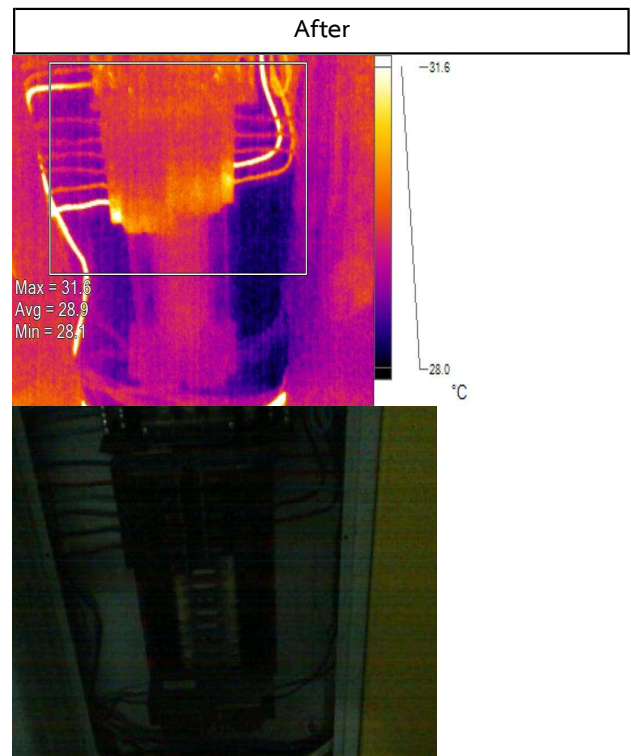
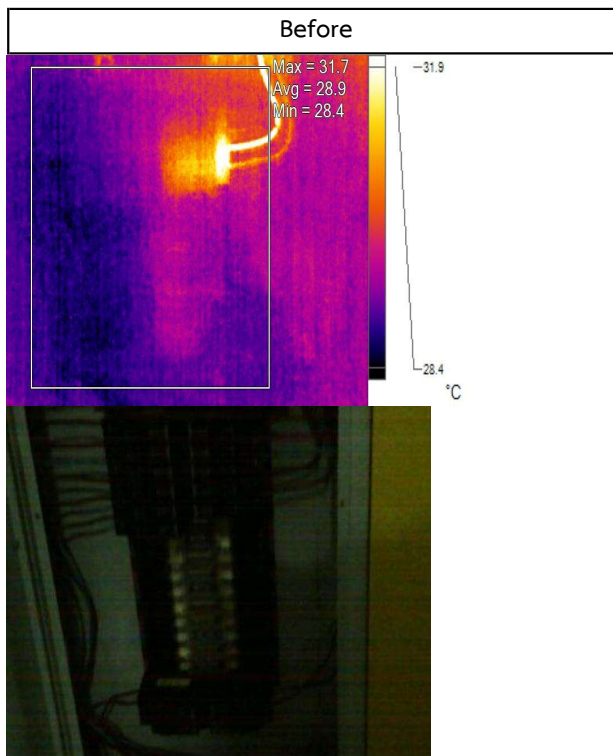
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	28.90
	Min	28.40
	Max	31.70

List	Point	P1
Temperature of connection point	Avg	28.90
	Min	28.10
	Max	31.60

Description

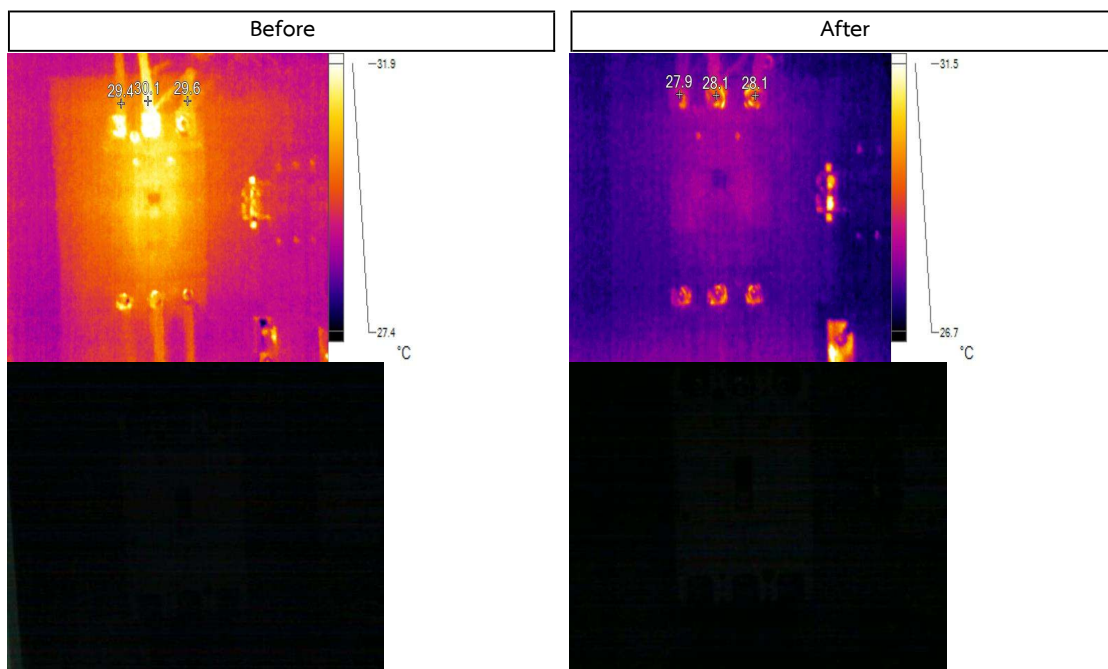
Normal

Recommended

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	Thermoscan Report	P-50
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/4	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	29.40	Temperature of connection point	L1	27.90
	L2	30.10		L2	28.10
	L3	29.60		L3	28.10
Temperature between phase. (< 15 C)	L 1-2	-0.70	Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	0.50		L 2-3	0.00
	L 3-1	-0.20		L 3-1	-0.20
Difference ambient and phase (< 40 C)	L1	-0.60	Difference ambient and phase. (< 40 C)	L1	-2.10
	L2	0.10		L2	-1.90
	L3	-0.40		L3	-1.90

Description

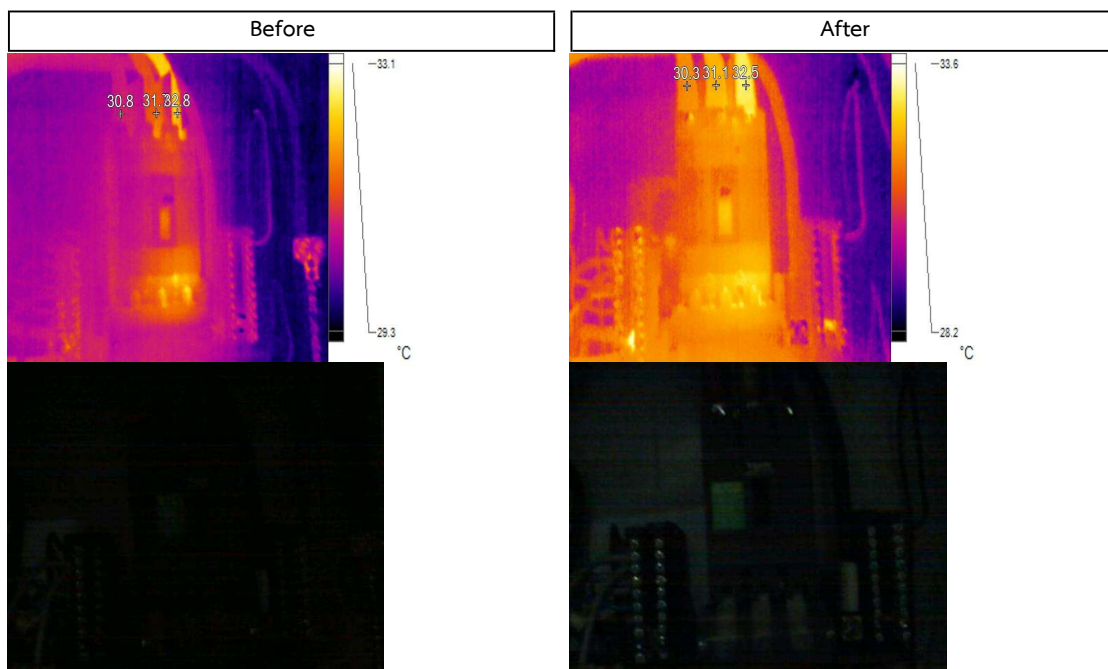
Normal

Recommended

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	Thermoscan Report	P-51
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/5	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	30.80	Temperature of connection point	L1	30.30
	L2	31.70		L2	31.10
	L3	32.80		L3	32.50
Temperature between phase. (< 15 C)	L 1-2	-0.90	Temperature between phase. (< 15 C)	L 1-2	-0.80
	L 2-3	-1.10		L 2-3	-1.40
	L 3-1	-2.00		L 3-1	-2.20
Difference ambient and phase (< 40 C)	L1	0.80	Difference ambient and phase. (< 40 C)	L1	0.30
	L2	1.70		L2	1.10
	L3	2.80		L3	2.50

Description

Normal

Recommended

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Thermoscan Report

P-52

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A3/5

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

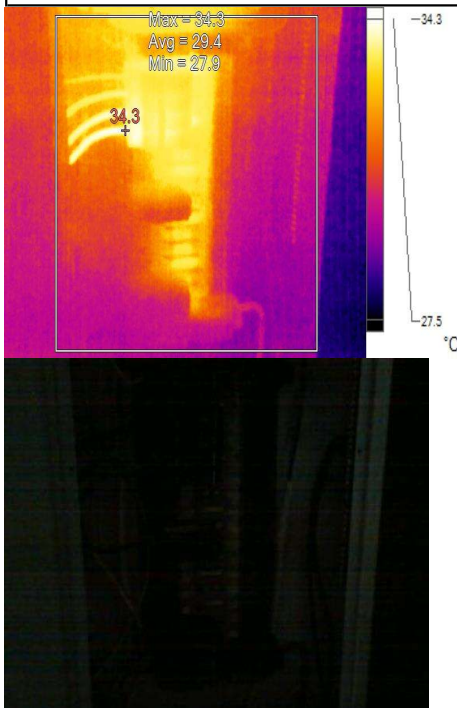
Equipment name : MCCB

After date : 30 เมษายน 2568

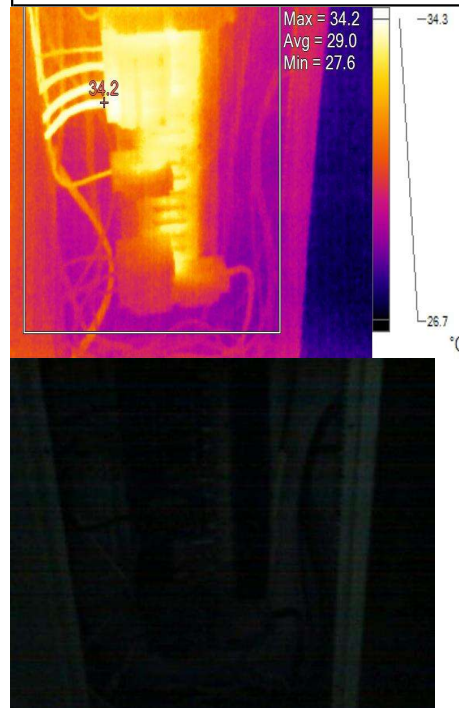
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	29.40
	Min	27.90
	Max	34.30

List	Point	P1
Temperature of connection point	Avg	29.00
	Min	27.60
	Max	34.20

Description

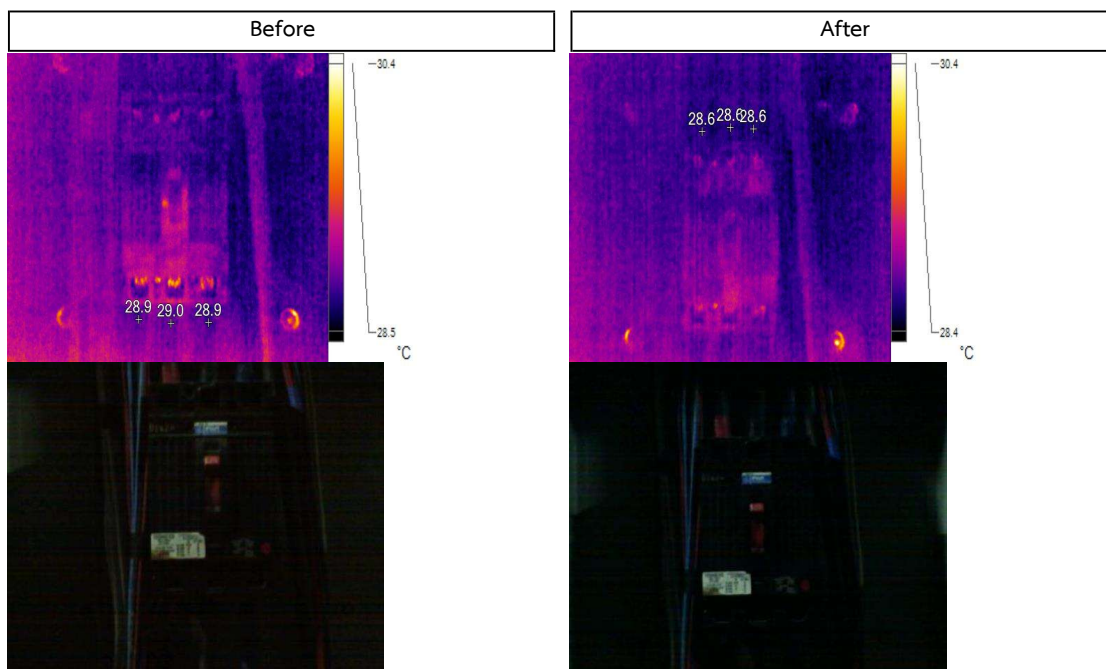
Normal

Recommended

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	Thermoscan Report	P-53
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/6	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	28.90	Temperature of connection point	L1	28.60
	L2	29.00		L2	28.60
	L3	28.90		L3	28.60
Temperature between phase. (< 15 C)	L 1-2	-0.10	Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.10		L 2-3	0.00
	L 3-1	0.00		L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-1.10	Difference ambient and phase. (< 40 C)	L1	-1.40
	L2	-1.00		L2	-1.40
	L3	-1.10		L3	-1.40

Description

Normal

Recommended

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Thermoscan Report

P-54

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A3/6

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

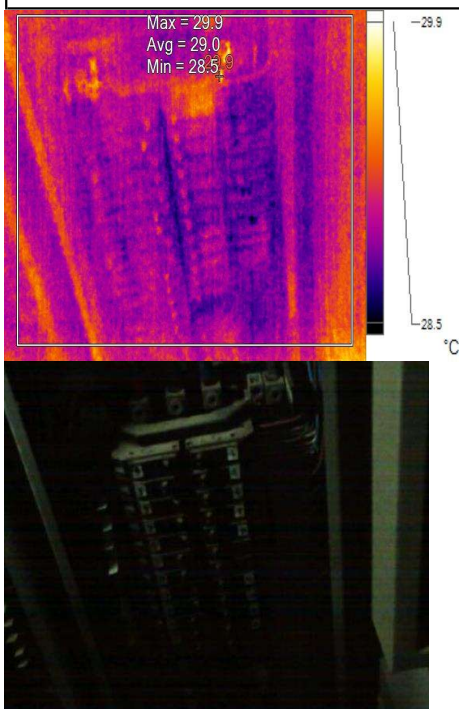
Equipment name : MCCB

After date : 30 เมษายน 2568

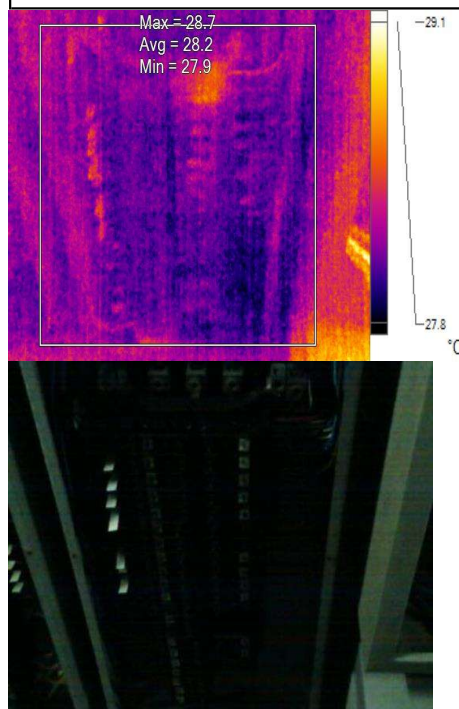
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	29.00
	Min	28.50
	Max	29.90

List	Point	P1
Temperature of connection point	Avg	28.20
	Min	27.90
	Max	28.70

Description

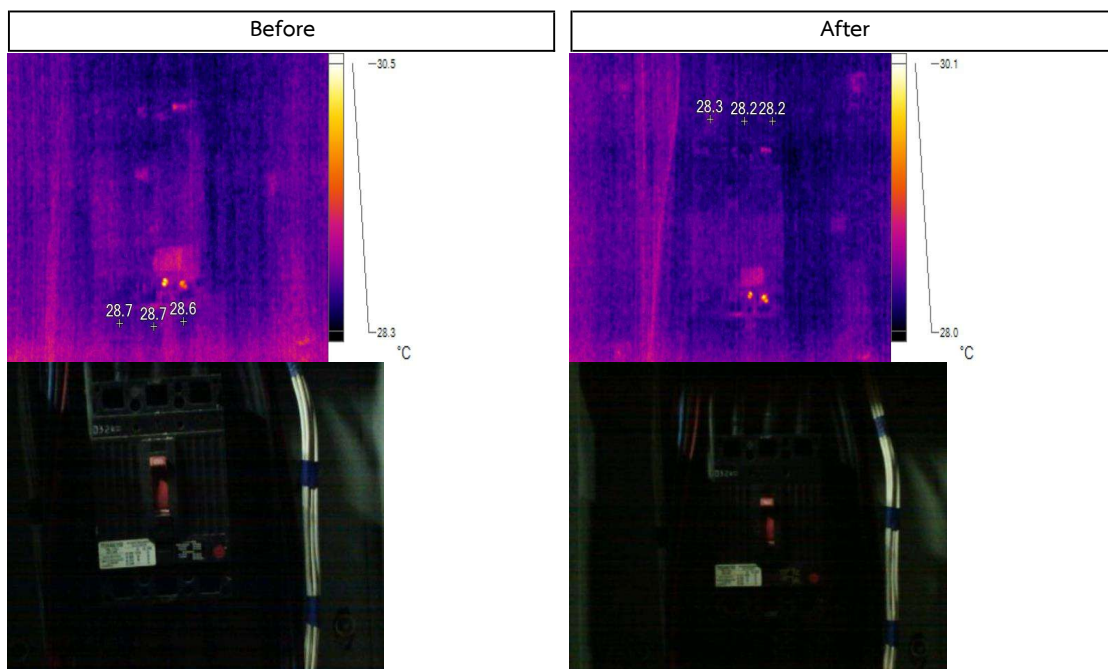
Normal

Recommended

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	Thermoscan Report	P-55
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/7	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	28.70	Temperature of connection point	L1	28.30
	L2	28.70		L2	28.20
	L3	28.60		L3	28.20
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	0.10		L 2-3	0.00
	L 3-1	0.10		L 3-1	0.10
Difference ambient and phase (< 40 C)	L1	-1.30	Difference ambient and phase. (< 40 C)	L1	-1.70
	L2	-1.30		L2	-1.80
	L3	-1.40		L3	-1.80

Description

Normal

Recommended

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Thermoscan Report

P-56

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A3/7

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

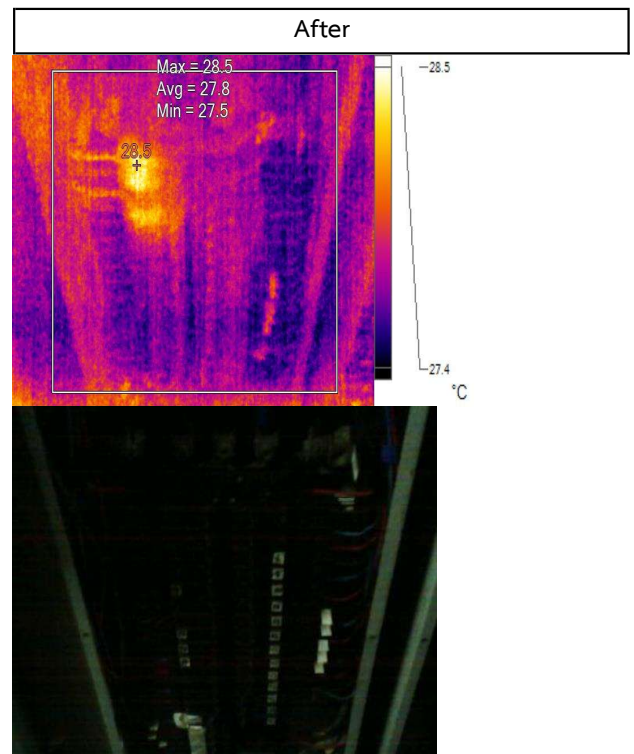
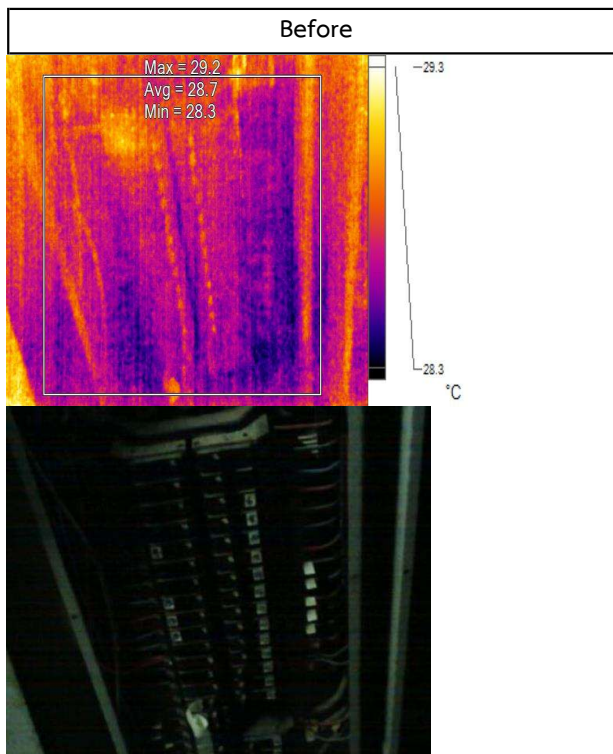
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	28.70
	Min	28.30
	Max	29.20

List	Point	P1
Temperature of connection point	Avg	27.80
	Min	27.50
	Max	28.50

Description

Normal

Recommended

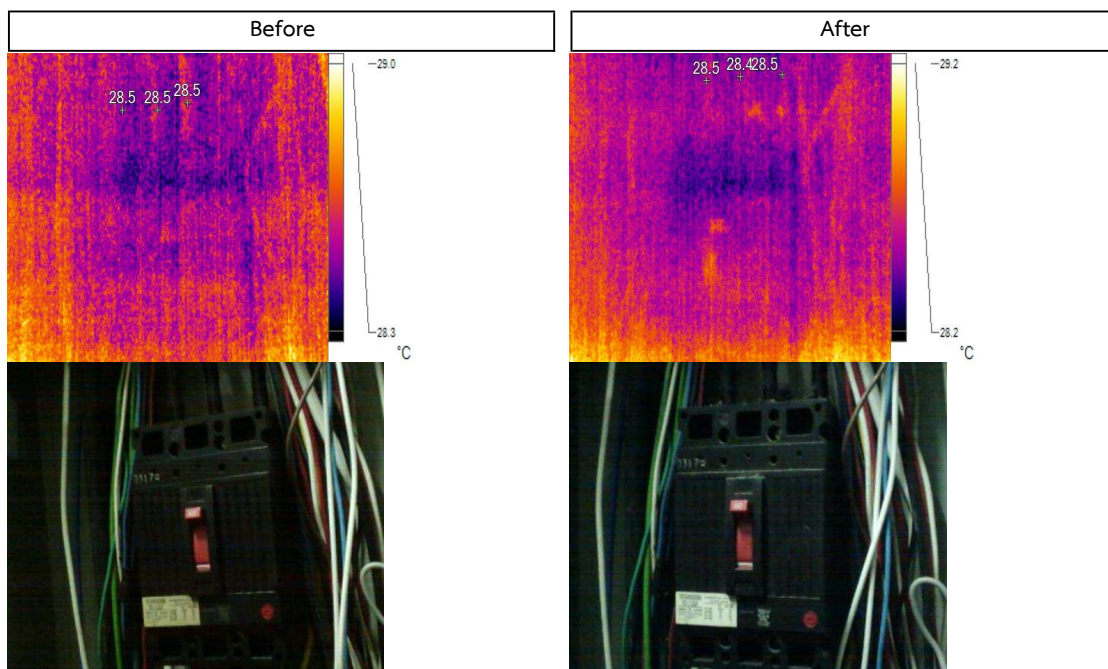
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Thermoscan Report

P-57

Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/8E	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1
Temperature of connection point	L1	28.50
	L2	28.50
	L3	28.50
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.00
	L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-1.50
	L2	-1.50
	L3	-1.50

List	Point	P1
Temperature of connection point	L1	28.50
	L2	28.40
	L3	28.50
Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	-0.10
	L 3-1	0.00
Difference ambient and phase. (< 40 C)	L1	-1.50
	L2	-1.60
	L3	-1.50

Description

Normal

Recommended

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Thermoscan Report

P-58

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A3/8E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

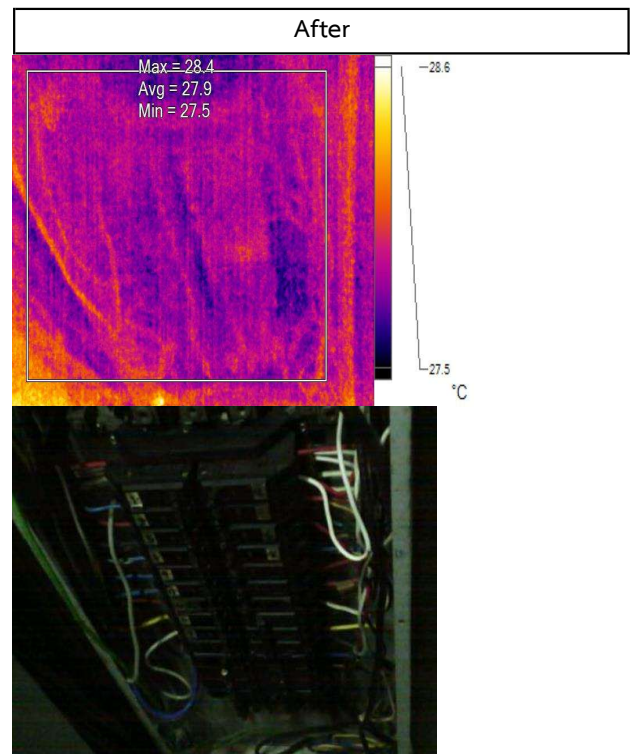
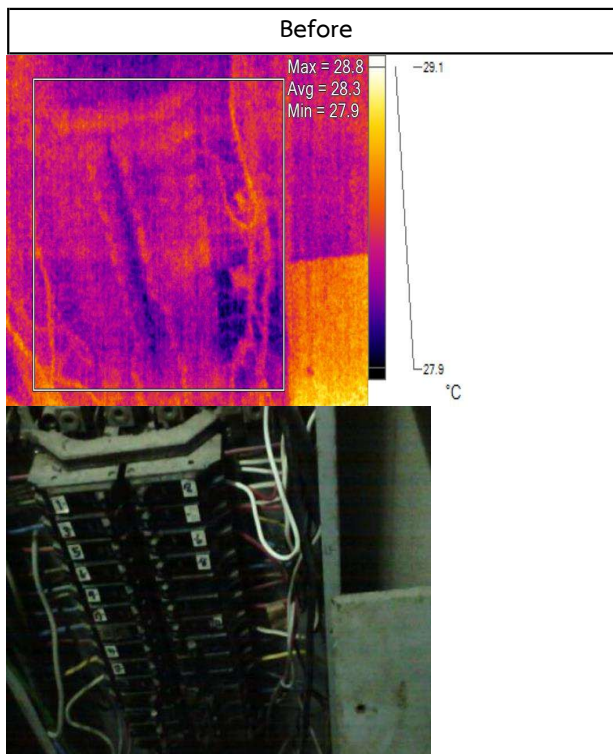
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	28.30
	Min	27.90
	Max	28.80

List	Point	P1
Temperature of connection point	Avg	27.90
	Min	27.50
	Max	28.40

Description

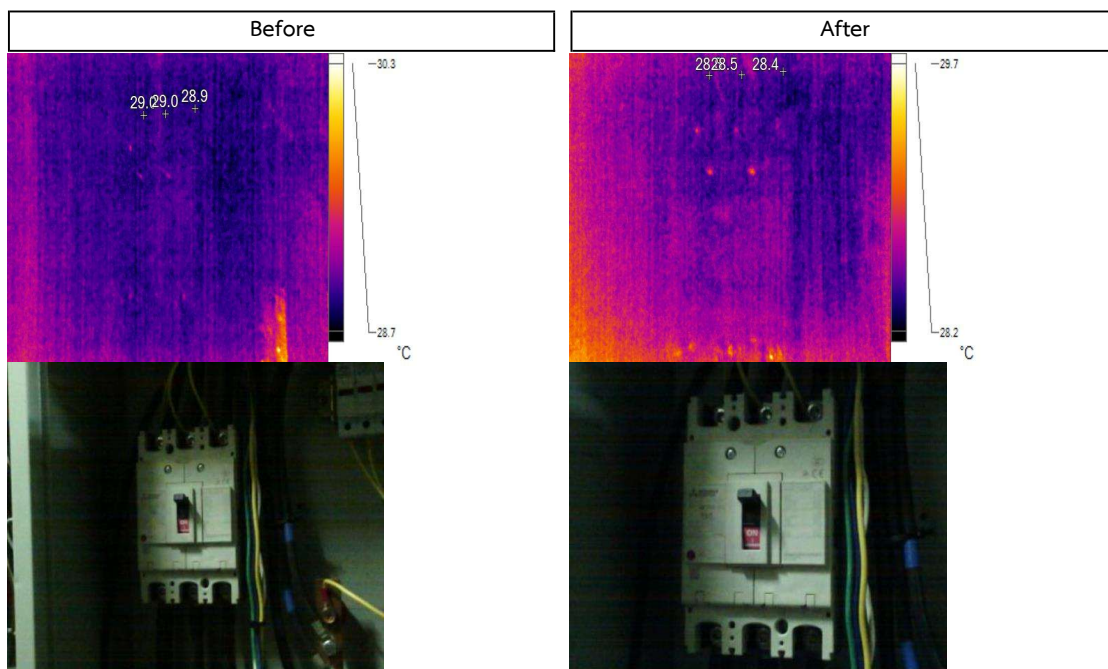
Normal

Recommended

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	Thermoscan Report	P-59
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/9	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	29.00	Temperature of connection point	L1	28.60
	L2	29.00		L2	28.50
	L3	28.90		L3	28.40
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	0.10		L 2-3	0.10
	L 3-1	0.10		L 3-1	0.20
Difference ambient and phase (< 40 C)	L1	-1.00	Difference ambient and phase. (< 40 C)	L1	-1.40
	L2	-1.00		L2	-1.50
	L3	-1.10		L3	-1.60

Description

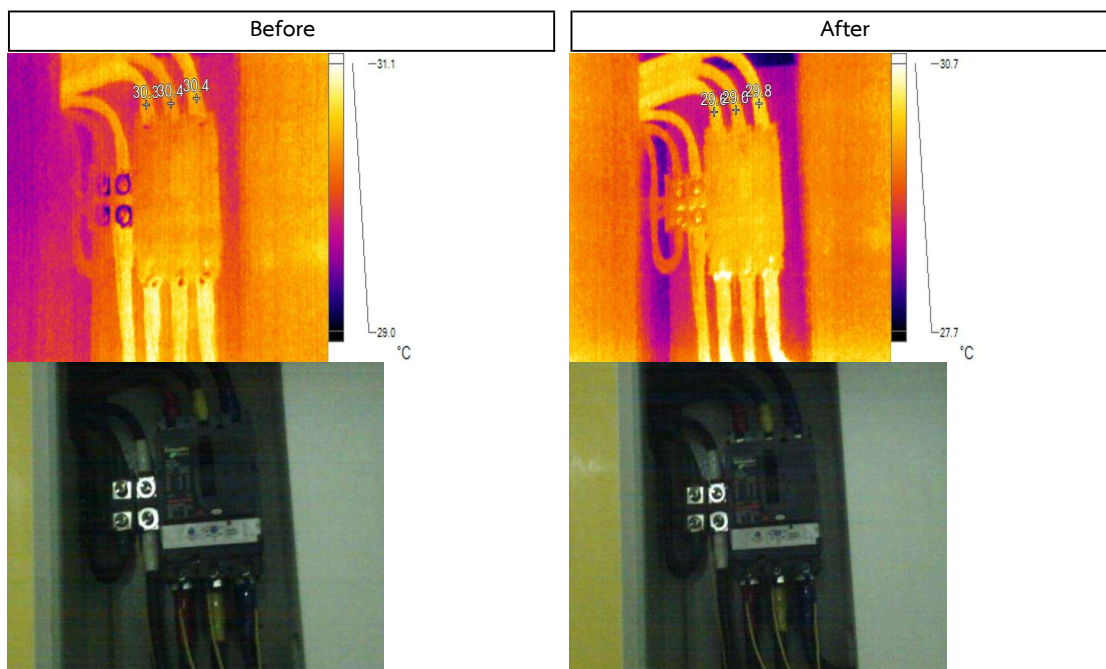
Normal

Recommended

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	Thermoscan Report	P-60
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A3/10	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	30.30	Temperature of connection point	L1	29.60
	L2	30.40		L2	29.60
	L3	30.40		L3	29.80
Temperature between phase. (< 15 C)	L 1-2	-0.10	Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.00		L 2-3	-0.20
	L 3-1	-0.10		L 3-1	-0.20
Difference ambient and phase (< 40 C)	L1	0.30	Difference ambient and phase. (< 40 C)	L1	-0.40
	L2	0.40		L2	-0.40
	L3	0.40		L3	-0.20

Description

Normal

Recommended

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Thermoscan Report

P-61

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A2/E1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

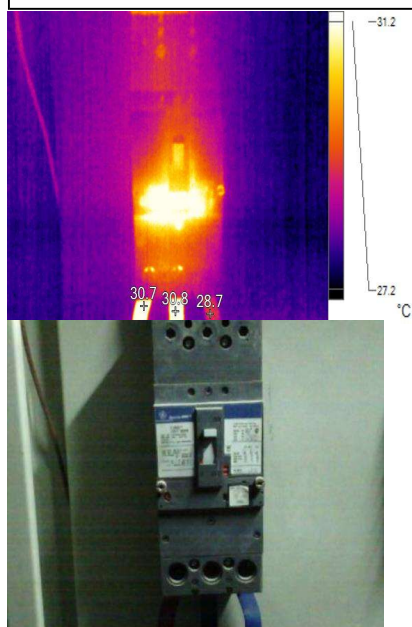
Equipment name : Main MCCB

After date : 30 เมษายน 2568

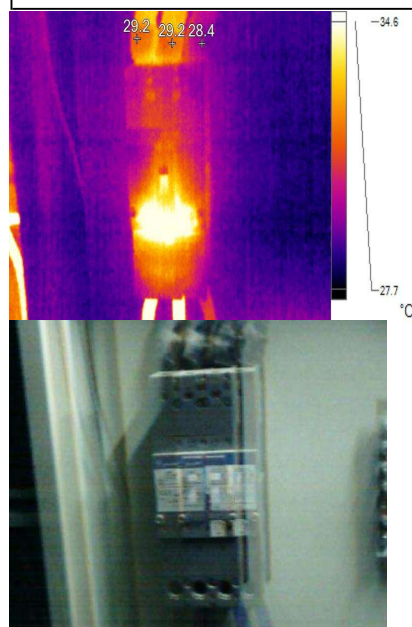
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	30.70
	L2	30.80
	L3	28.70
Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	2.10
	L 3-1	2.00
Difference ambient and phase (< 40 C)	L1	0.70
	L2	0.80
	L3	-1.30

List	Point	P1
Temperature of connection point	L1	29.20
	L2	29.20
	L3	28.40
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.80
	L 3-1	0.80
Difference ambient and phase. (< 40 C)	L1	-0.80
	L2	-0.80
	L3	-1.60

Description

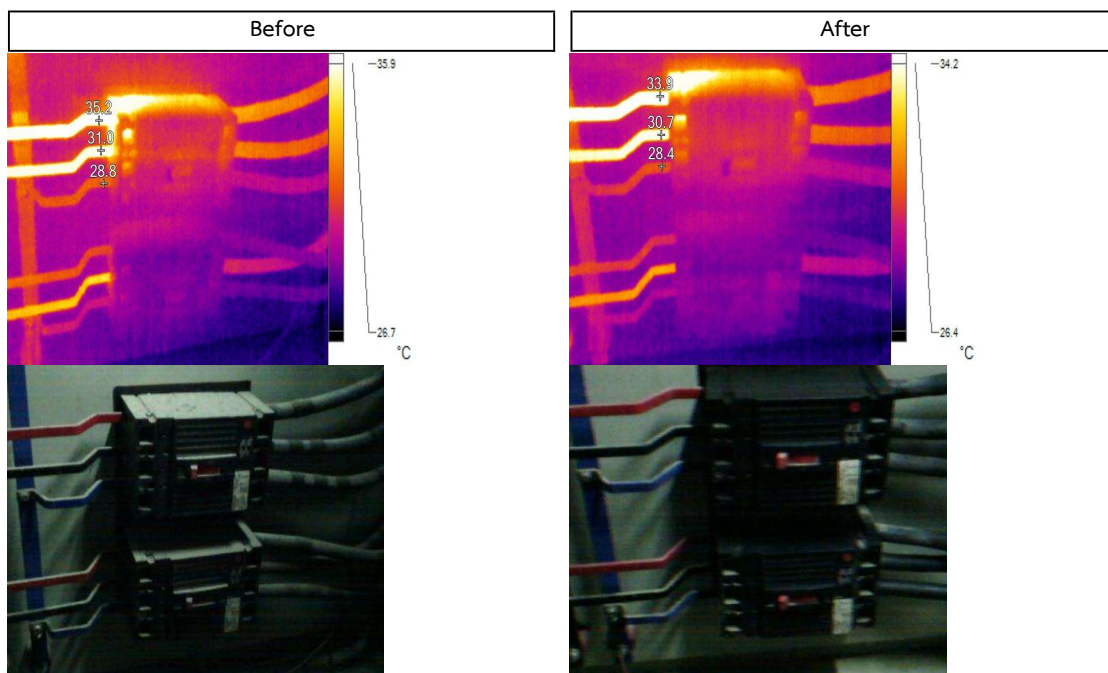
Normal

Recommended

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	Thermoscan Report	P-62
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: MCCB
Location	: A2/E1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	35.20	Temperature of connection point	L1	33.90
	L2	31.00		L2	30.70
	L3	28.80		L3	28.40
Temperature between phase. (< 15 C)	L 1-2	4.20	Temperature between phase. (< 15 C)	L 1-2	3.20
	L 2-3	2.20		L 2-3	2.30
	L 3-1	6.40		L 3-1	5.50
Difference ambient and phase (< 40 C)	L1	5.20	Difference ambient and phase. (< 40 C)	L1	3.90
	L2	1.00		L2	0.70
	L3	-1.20		L3	-1.60

Description

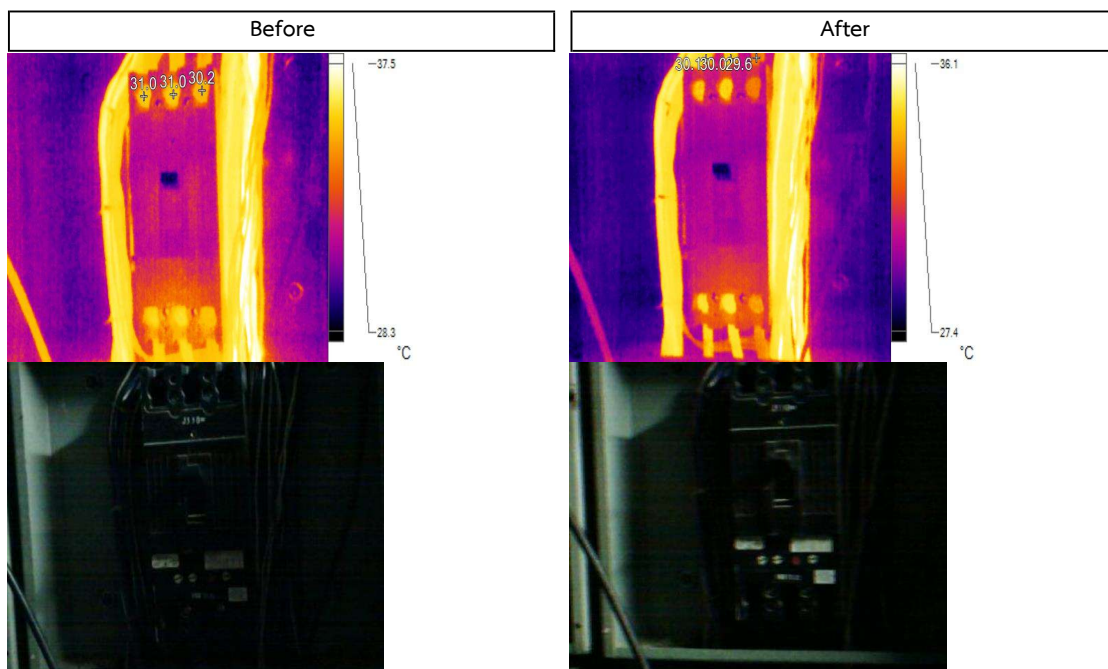
Normal

Recommended

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	Thermoscan Report	P-63
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A2/2	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	31.00	Temperature of connection point	L1	30.10
	L2	31.00		L2	30.00
	L3	30.20		L3	29.60
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	0.80		L 2-3	0.40
	L 3-1	0.80		L 3-1	0.50
Difference ambient and phase (< 40 C)	L1	1.00	Difference ambient and phase. (< 40 C)	L1	0.10
	L2	1.00		L2	0.00
	L3	0.20		L3	-0.40

Description

Normal

Recommended

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Thermoscan Report

P-64

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A2/2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

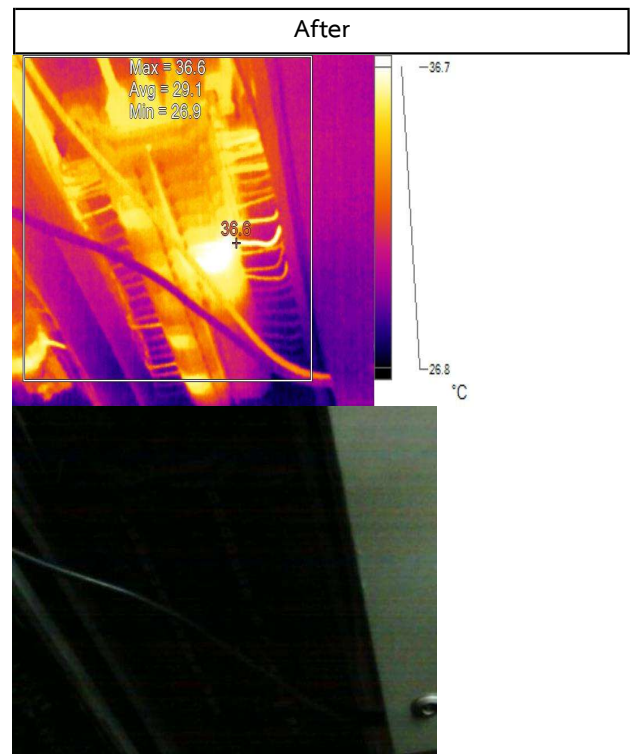
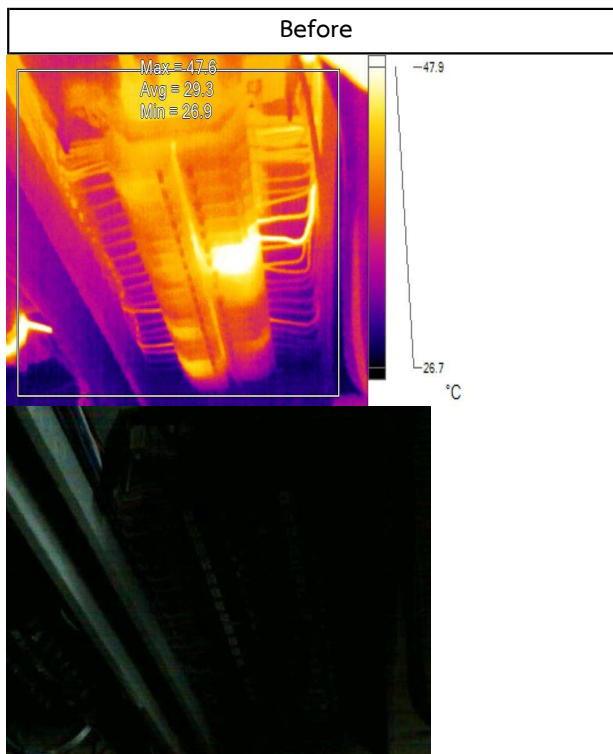
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	29.30
	Min	26.90
	Max	47.60

List	Point	P1
Temperature of connection point	Avg	29.10
	Min	26.90
	Max	36.60

Description

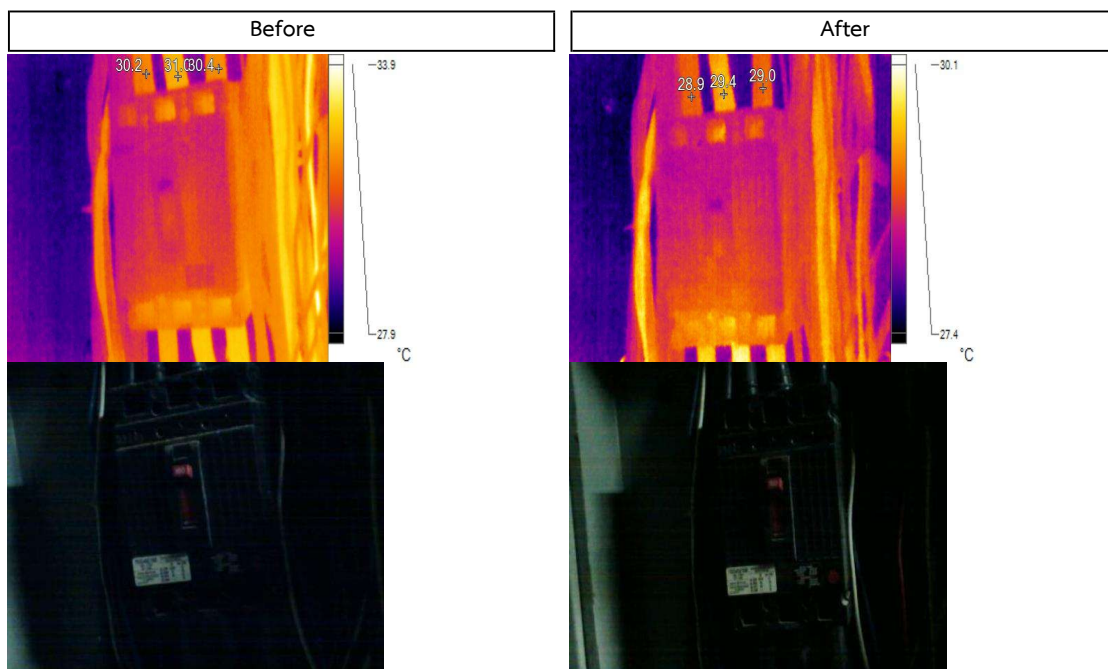
Normal

Recommended

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	Thermoscan Report	P-65
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A2/3	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	30.20	Temperature of connection point	L1	28.90
	L2	31.00		L2	29.40
	L3	30.40		L3	29.00
Temperature between phase. (< 15 C)	L 1-2	-0.80	Temperature between phase. (< 15 C)	L 1-2	-0.50
	L 2-3	0.60		L 2-3	0.40
	L 3-1	-0.20		L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	0.20	Difference ambient and phase. (< 40 C)	L1	-1.10
	L2	1.00		L2	-0.60
	L3	0.40		L3	-1.00

Description

Normal

Recommended

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Thermoscan Report

P-66

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A2/3

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

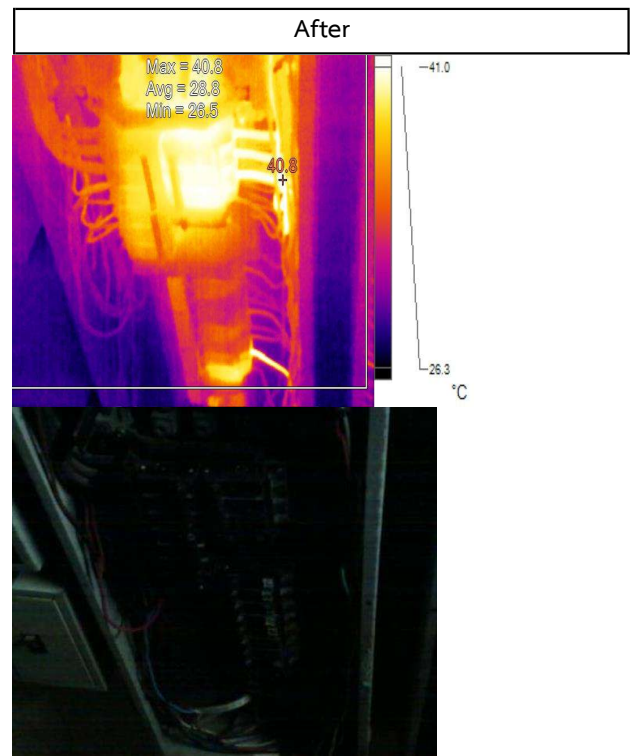
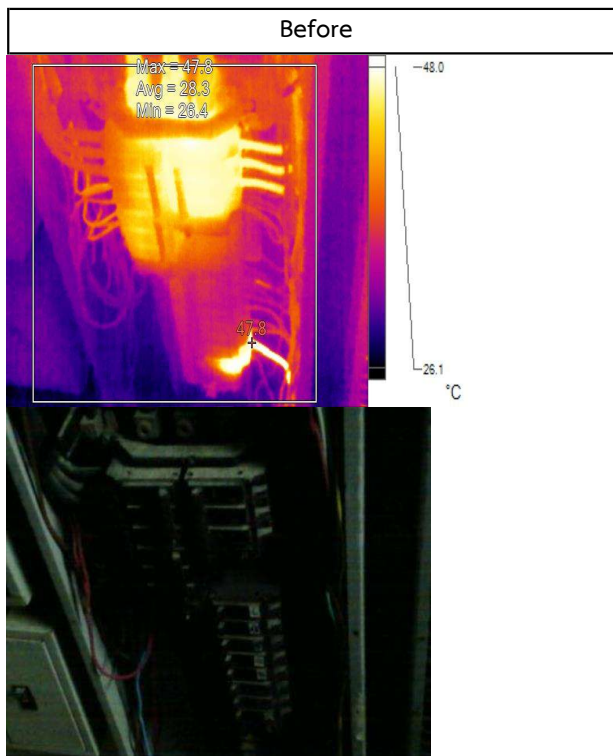
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	28.30
	Min	26.40
	Max	47.80

List	Point	P1
Temperature of connection point	Avg	28.80
	Min	26.50
	Max	40.80

Description

Normal

Recommended

-



Thermoscan Report

P-67

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A2/4

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

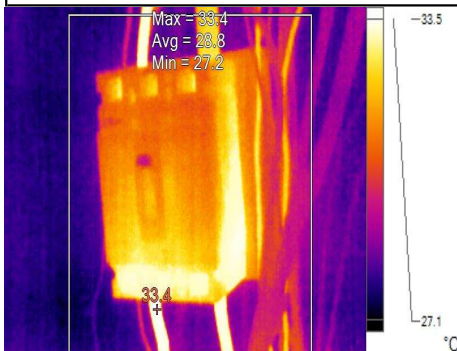
Equipment name : Main MCCB

After date : 30 เมษายน 2568

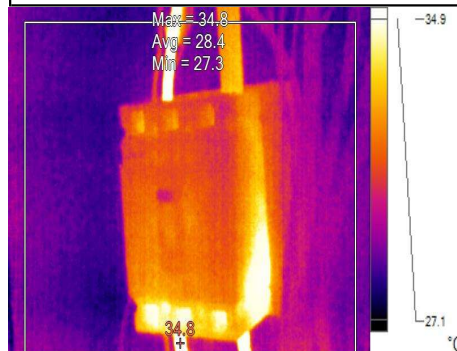
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	28.80
	Min	27.20
	Max	33.40

List	Point	P1
Temperature of connection point	Avg	28.40
	Min	27.30
	Max	34.80

Description

Normal

Recommended

-



Thermoscan Report

P-68

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A2/4

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

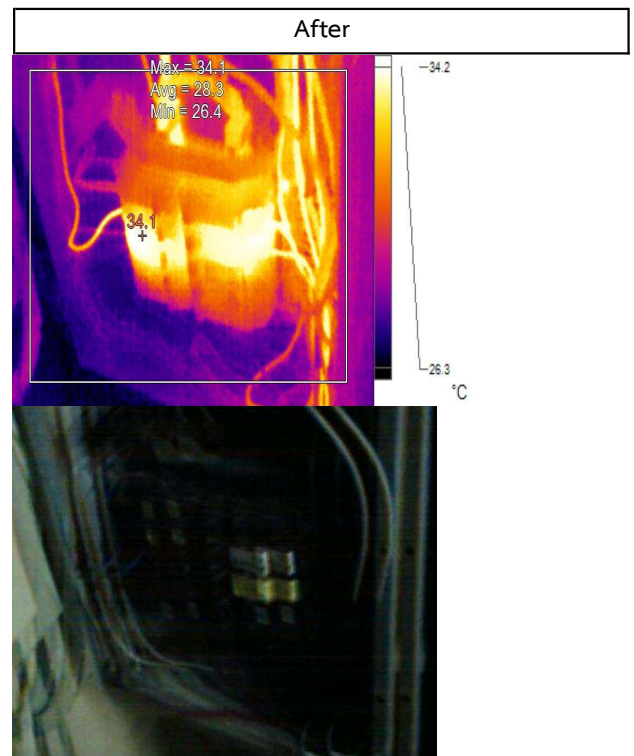
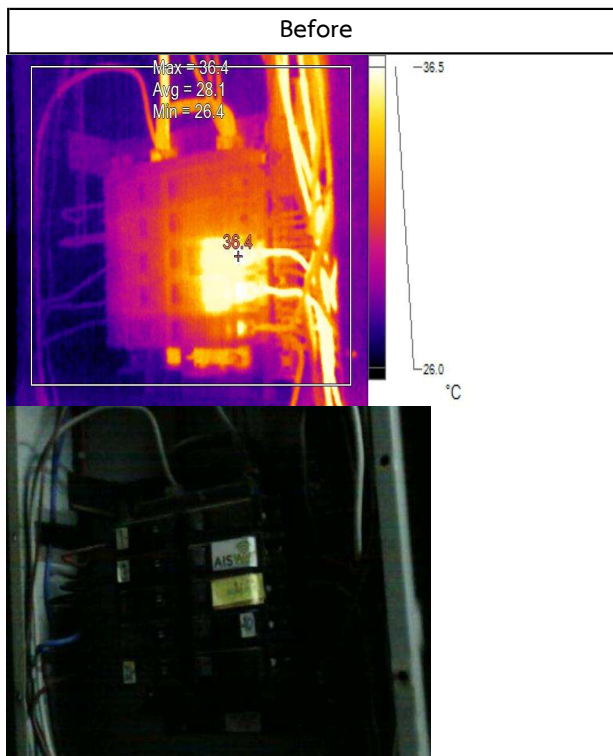
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	28.10
	Min	26.40
	Max	36.40

List	Point	P1
Temperature of connection point	Avg	28.30
	Min	26.40
	Max	34.10

Description

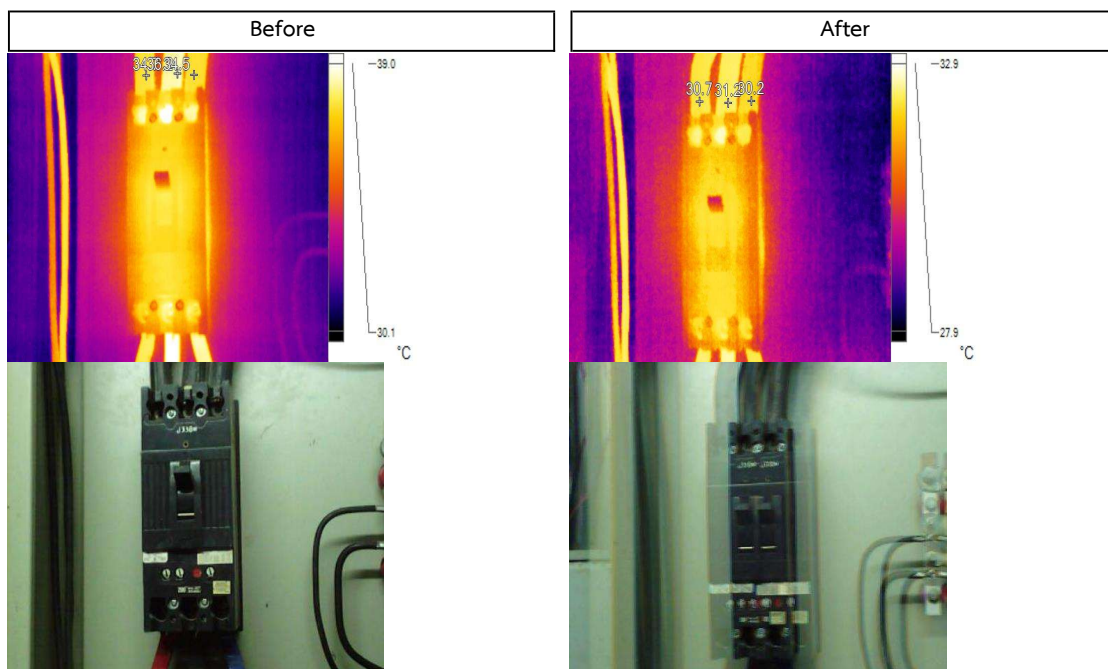
Normal

Recommended

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	Thermoscan Report	P-69
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A1/1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	34.70	Temperature of connection point	L1	30.70
	L2	36.20		L2	31.20
	L3	34.50		L3	30.20
Temperature between phase. (< 15 C)	L 1-2	-1.50	Temperature between phase. (< 15 C)	L 1-2	-0.50
	L 2-3	1.70		L 2-3	1.00
	L 3-1	0.20		L 3-1	0.50
Difference ambient and phase (< 40 C)	L1	4.70	Difference ambient and phase. (< 40 C)	L1	0.70
	L2	6.20		L2	1.20
	L3	4.50		L3	0.20

Description

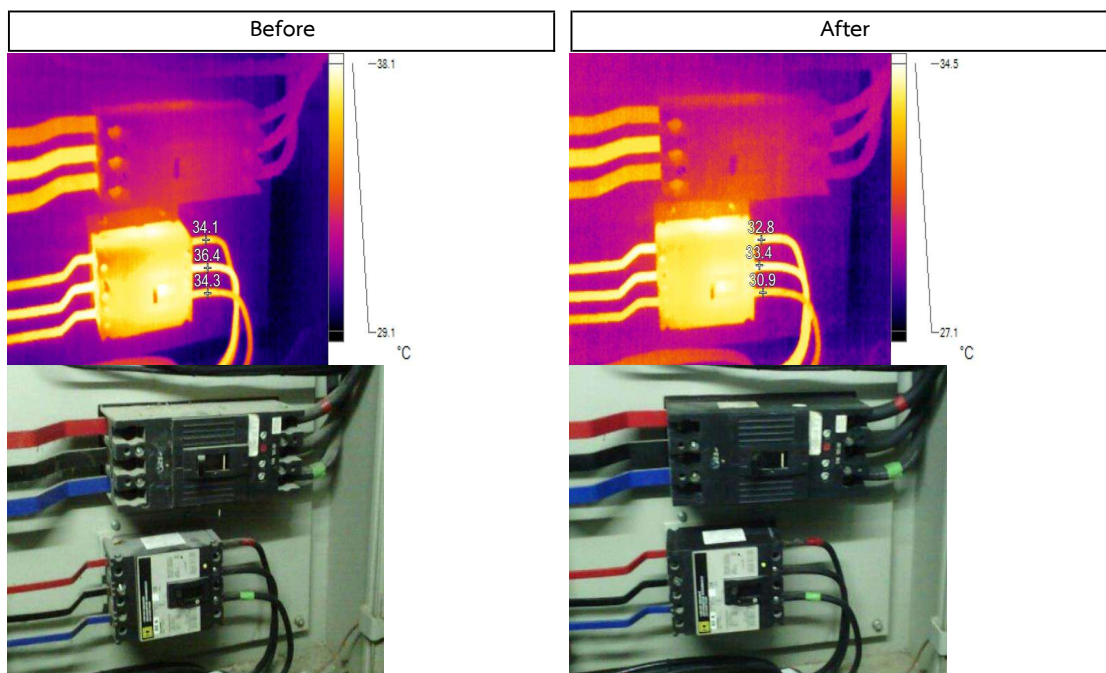
Normal

Recommended

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	Thermoscan Report	P-70
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Company	: โรงพยาบาลสิริเวชภัณฑ์	Equipment name	: MCCB
Location	: A1/1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	34.10	Temperature of connection point	L1	32.80
	L2	36.40		L2	33.40
	L3	34.30		L3	30.90
Temperature between phase. (< 15 C)	L 1-2	-2.30	Temperature between phase. (< 15 C)	L 1-2	-0.60
	L 2-3	2.10		L 2-3	2.50
	L 3-1	-0.20		L 3-1	1.90
Difference ambient and phase (< 40 C)	L1	4.10	Difference ambient and phase. (< 40 C)	L1	2.80
	L2	6.40		L2	3.40
	L3	4.30		L3	0.90

Description

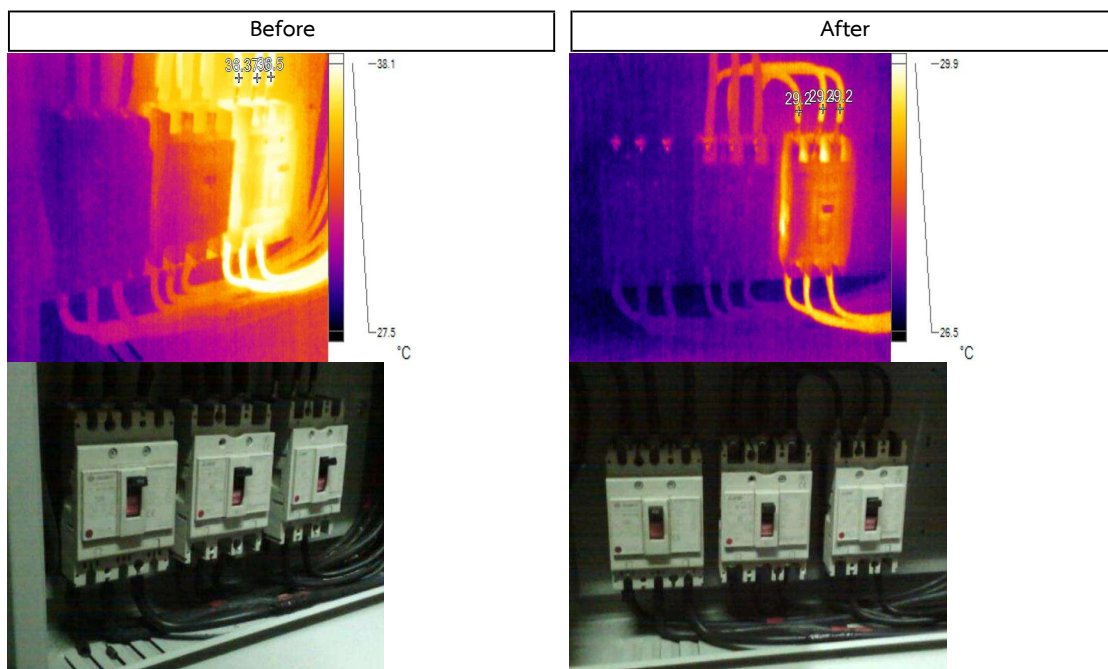
Normal

Recommended

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	Thermoscan Report	P-71
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A1/2	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	36.30	Temperature of connection point	L1	29.20
	L2	37.60		L2	29.40
	L3	36.50		L3	29.20
Temperature between phase. (< 15 C)	L 1-2	-1.30	Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	1.10		L 2-3	0.20
	L 3-1	-0.20		L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	6.30	Difference ambient and phase. (< 40 C)	L1	-0.80
	L2	7.60		L2	-0.60
	L3	6.50		L3	-0.80

Description

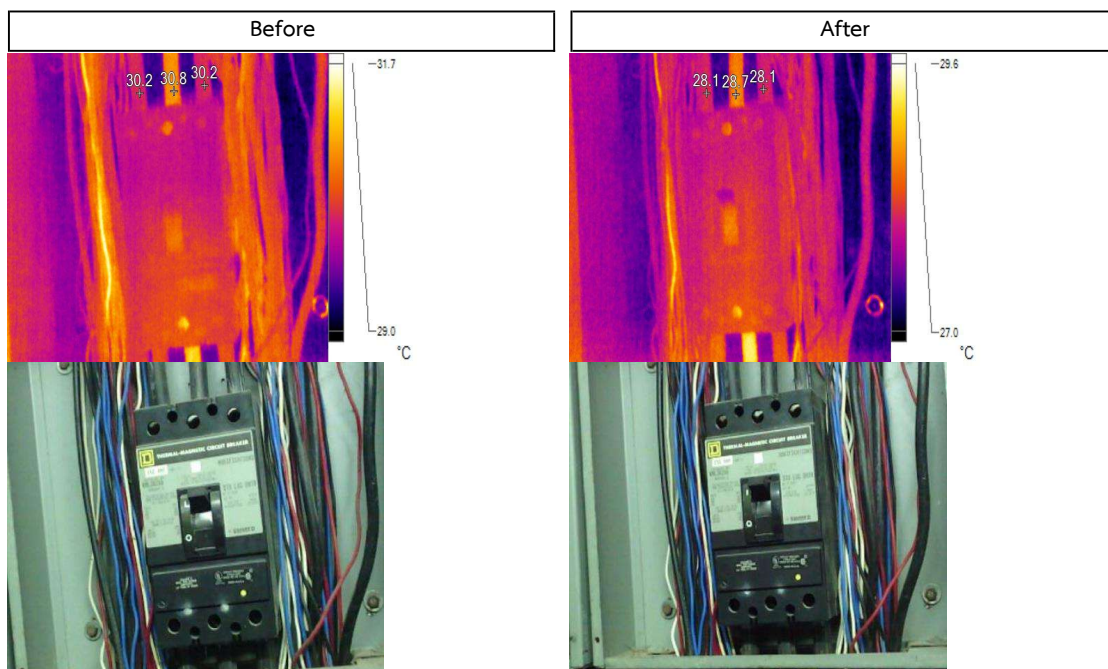
Normal

Recommended

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	Thermoscan Report	P-72
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A1/3	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	30.20	Temperature of connection point	L1	28.10
	L2	30.80		L2	28.70
	L3	30.20		L3	28.10
Temperature between phase. (< 15 C)	L 1-2	-0.60	Temperature between phase. (< 15 C)	L 1-2	-0.60
	L 2-3	0.60		L 2-3	0.60
	L 3-1	0.00		L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	0.20	Difference ambient and phase. (< 40 C)	L1	-1.90
	L2	0.80		L2	-1.30
	L3	0.20		L3	-1.90

Description

Normal

Recommended

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Thermoscan Report

P-73

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A1/3

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

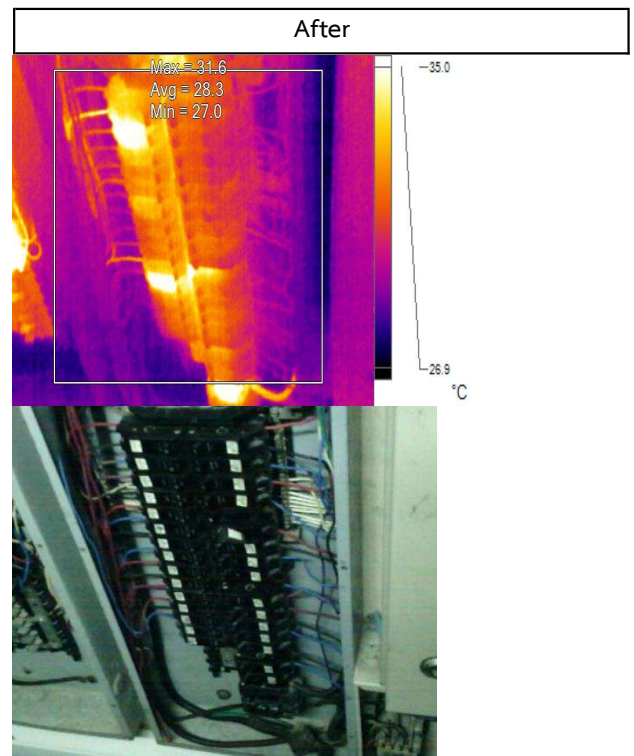
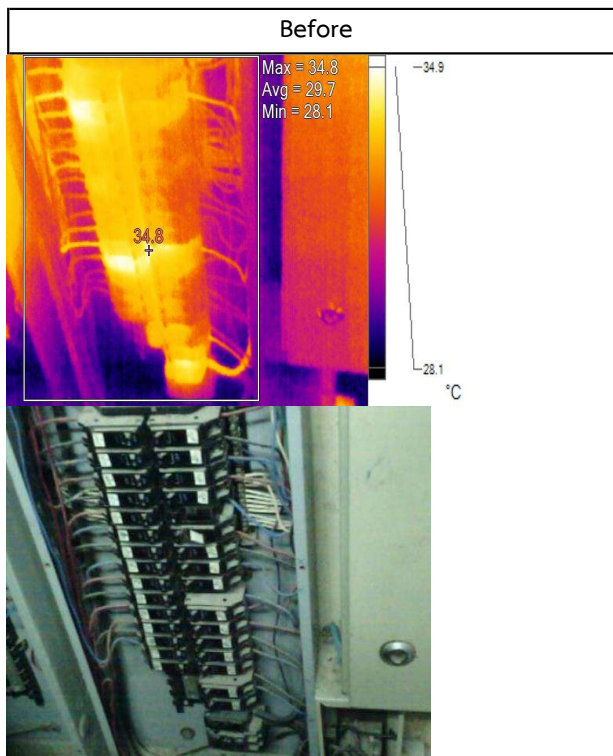
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	29.70
	Min	28.10
	Max	34.80

List	Point	P1
Temperature of connection point	Avg	28.30
	Min	27.00
	Max	31.60

Description

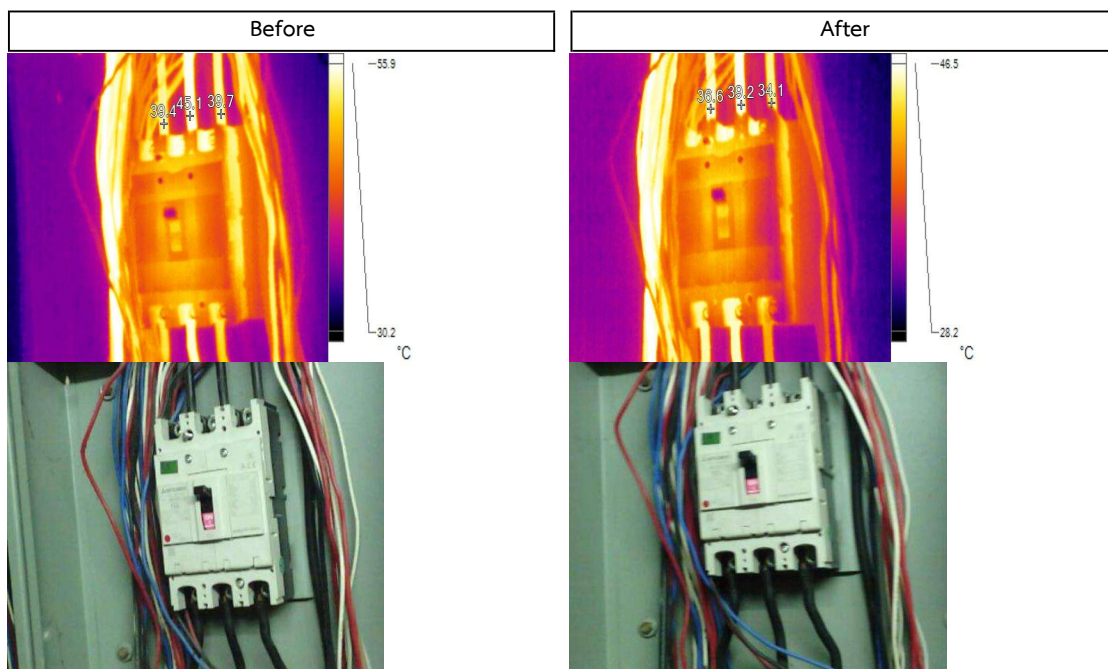
Normal

Recommended

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	Thermoscan Report	P-74
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A1/4	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	39.40	Temperature of connection point	L1	36.60
	L2	45.10		L2	39.20
	L3	39.70		L3	34.10
Temperature between phase. (< 15 C)	L 1-2	-5.70	Temperature between phase. (< 15 C)	L 1-2	-2.60
	L 2-3	5.40		L 2-3	5.10
	L 3-1	-0.30		L 3-1	2.50
Difference ambient and phase (< 40 C)	L1	9.40	Difference ambient and phase. (< 40 C)	L1	6.60
	L2	15.10		L2	9.20
	L3	9.70		L3	4.10

Description

Normal

Recommended

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Thermoscan Report

P-75

Company : โรงพยาบาลสิริเวชจันทบุรี

Location : A1/4

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

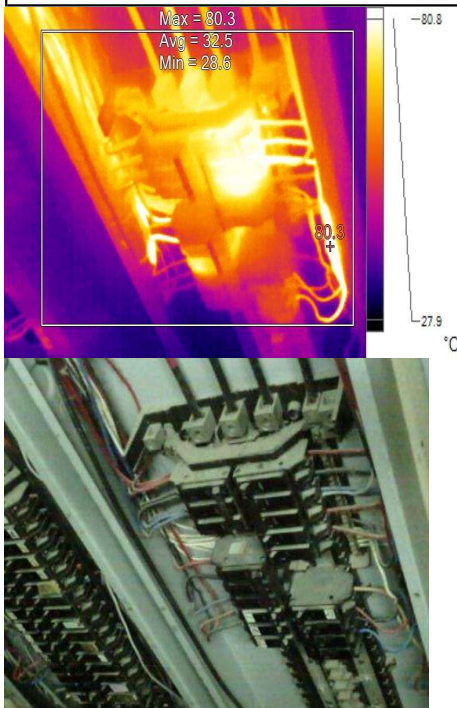
Equipment name : MCCB

After date : 30 เมษายน 2568

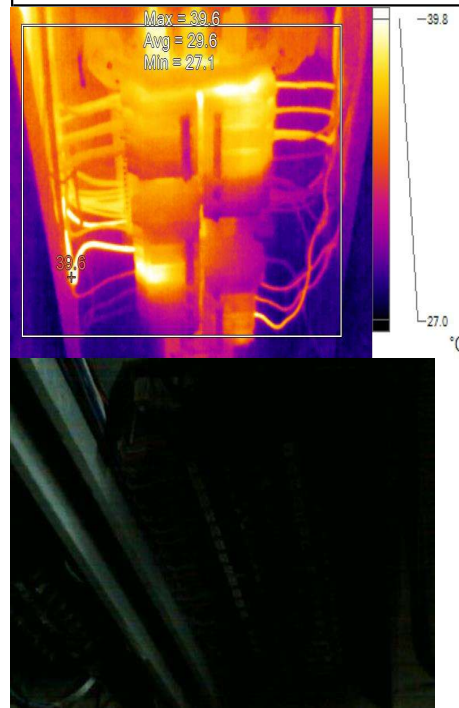
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	32.50
	Min	28.60
	Max	80.30

List	Point	P1
Temperature of connection point	Avg	29.60
	Min	27.10
	Max	39.60

Description

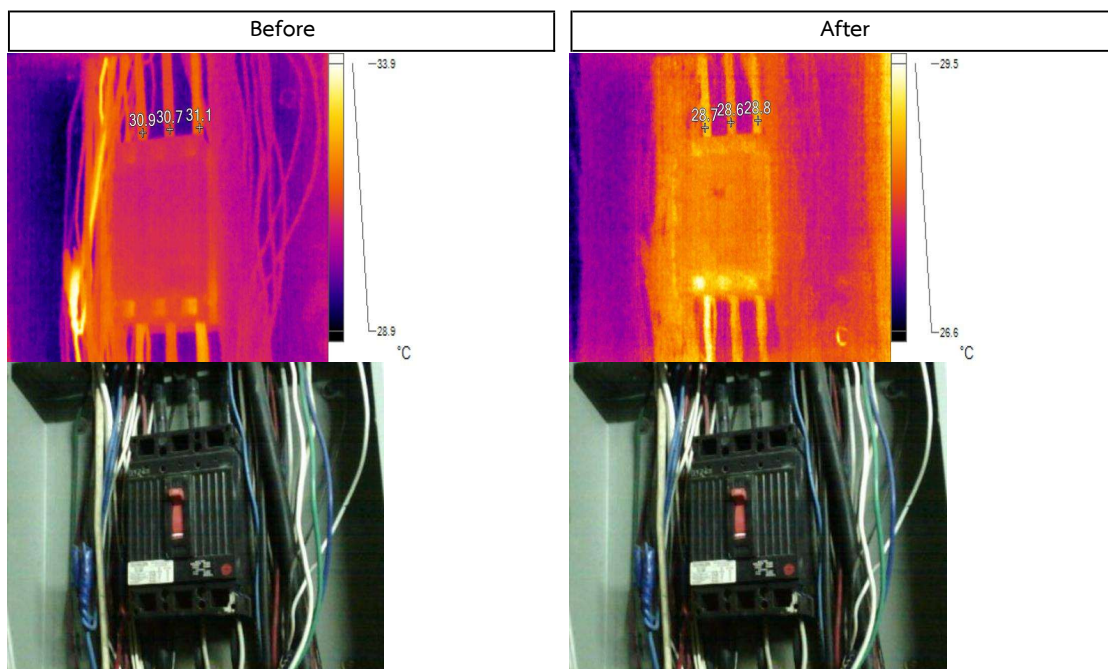
Normal

Recommended

- พบจุดต่อสายหลวม แก้ไขโดยการต่อสลีปใหม่

	Thermoscan Report	P-76
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Company	: โรงพยาบาลสิริเวชจันทบุรี	Equipment name	: Main MCCB
Location	: A1/5E	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	30.90	Temperature of connection point	L1	28.70
	L2	30.70		L2	28.60
	L3	31.10		L3	28.80
Temperature between phase. (< 15 C)	L 1-2	0.20	Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	-0.40		L 2-3	-0.20
	L 3-1	-0.20		L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	0.90	Difference ambient and phase. (< 40 C)	L1	-1.30
	L2	0.70		L2	-1.40
	L3	1.10		L3	-1.20

Description

Normal

Recommended

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Thermoscan Report

P-77

Company : โรงพยาบาลศิริเวชจันทบุรี

Location : A1/5E

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

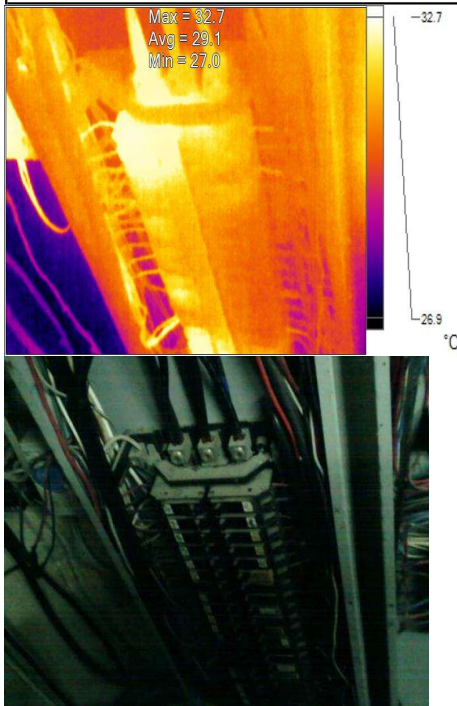
Equipment name : MCCB

After date : 30 เมษายน 2568

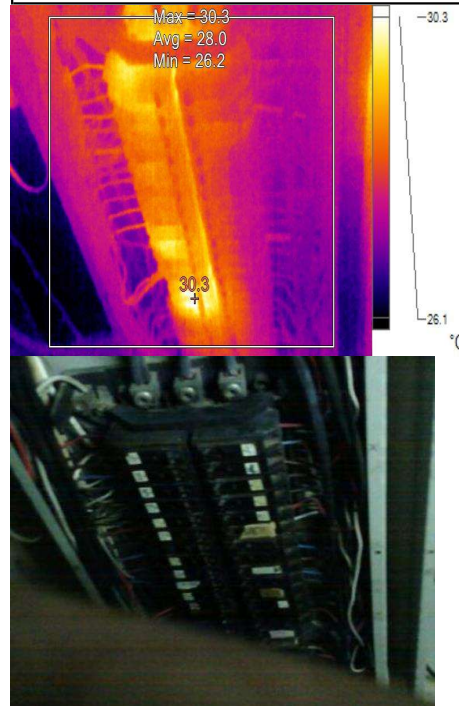
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	29.10
	Min	27.00
	Max	32.70

List	Point	P1
Temperature of connection point	Avg	28.00
	Min	26.20
	Max	30.30

Description

Normal

Recommended

-



MCL
Microtech Calibration laboratory



99/139 Moo 11, Soi Khaeng Khan 1, Phaholyothin Road 64, Khukhot, Lamlukka, Pathumthani 12130

99/139 หมู่ 11 ซอยแข่่งขัน 1 ถนนพหลโยธิน 64 ตำบลคูคต อำเภอลำลูกกา จังหวัดปทุมธานี 12130

Tel: 02-0394265

CertificateNo. : E24 - 0296A

Page : 1 of 3

Certificate of Calibration

Customer : LT POWER ENGINEERING CO.,LTD.
Address : 130/153 M6, T.Bansuan, A.Muangchonburi, Chonburi 20000

Description of Equipment : Earth Clamp Tester
Manufacturer : Kyoritsu
Model Number : KEW 4200
Serial Number : 8258708
ID. /Control No. : N/A
Made In : Japan
Location : MCL Laboratory
Environment Conditions : Temperature (23 +/- 3) °C
: Humidity (50 +/- 15) % RH.
Cal Date : May 23, 2024
Issue Date : May 23, 2024

Uncertainty of Measurement

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95%.

Calibrated by : Kanchai Pavachot

Approved by :

(Precha Pavachot)

Laboratory Manager

Certificate of Calibration :

Description : Earth Clamp Tester **Serial No.** : 8258708 **Order No.** : 2109 - 24
Manufacturer : Kyoritsu **ID. /Control No.** : N/A **Received Date** : May 21, 2024
Model : KEW 4200 **Made In** : Japan **Calibration Date** : May 23, 2024

Calibration Method : Calibration Procedure Number MCL-CP94

Calibration Results : See data attached

This certificate is issued in accordance with ISO/IEC 17025 and the conditions of accreditation granted by the Thai Laboratory Accreditation Scheme which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realized at the corresponding national standards laboratory.

This certificate may not be reproduced other than in full except with the prior written approval of the Head of Calibration Laboratory of Microtech Calibration Laboratory Co., Ltd.

This result of calibration was found accurate as shown on date and place of calibration only.

Reference Standard

Description	Model	Serial No.	Certificate No.	Due Date
Multi-Product Calibrator	5502E	3862803	EE-0104-23	Oct 03, 2024
50-Turn Current Coil	5500A/COIL	20082567	-	-

Condition as received : Normal

Definitions :-

* NIMT- National Institute of Metrology, Thailand

Calibration Results

1. Function : AC Current Calibration @ Test Frequency : 50 Hz (Calibrated with 50 Turns Coil)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values
100 mA	10 mA	9.8 mA	0.061 mA	9.1 ~ 10.9 mA
	90 mA	90.1 mA	0.086 mA	87.5 ~ 92.5 mA
1000 mA	100 mA	100.1 mA	0.10 mA	98.0 ~ 102.0 mA
	300 mA	299 mA	0.70 mA	294 ~ 306 mA
	500 mA	499 mA	0.77 mA	490 ~ 510 mA
	700 mA	699 mA	0.85 mA	686 ~ 714 mA
	900 mA	899 mA	0.93 mA	882 ~ 918 mA
10 A	1.1 A	1.02 A	0.0065 A	1.08 ~ 1.12 A
	9.0 A	9.02 A	0.010 A	8.82 ~ 9.18 A
30 A	11 A	11.0 A	0.063 A	10.8 ~ 11.2 A
	15 A	14.9 A	0.065 A	14.7 ~ 15.3 A
	27 A	26.9 A	0.21 A	26.5 ~ 27.5 A

Certificate of Calibration :

Description :	Earth Clamp Tester	Serial No. :	8258708	Order No. :	2109 - 24
Manufacturer :	Kyoritsu	ID. /Control No. :	N/A	Received Date :	May 21, 2024
Model :	KEW 4200	Made In :	Japan	Calibration Date :	May 23, 2024

Calibration Results (Cont.)

2. Function : *Resistance Calibration

(Perform "Zero" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values		
20 Ω	(Shorted) 0 Ω	0.05 Ω	0.0068 Ω	-0.05	~	0.05 Ω
	2 Ω	2.03 Ω	0.0070 Ω	1.92	~	2.08 Ω
	18 Ω	18.06 Ω	0.0087 Ω	17.68	~	18.32 Ω
200 Ω	20 Ω	20.4 Ω	0.059 Ω	17.4	~	22.6 Ω
	180 Ω	178.9 Ω	0.070 Ω	172.6	~	187.4 Ω
1500 Ω	200 Ω	200 Ω	0.59 Ω	170	~	230 Ω
	1000 Ω	980 Ω	0.65 Ω	890	~	1110 Ω
	1450 Ω	1430 Ω	0.68 Ω	1295	~	1605 Ω

UUC* = Unit Under Calibration

*Non Accreditation



MCL

Microtech Calibration laboratory

99/139 Moo 11, Soi Khaeng Khan 1, Phaholyothin Road 64, Khukhot, Lam Lukka, Pathumthani 12130

99/139 หมู่ 11 ซอยแขวงขัน 1 ถนนพหลโยธิน 64 ตำบลคูคต อำเภอลำลูกกา จังหวัดปทุมธานี 12130

Tel: 02-0394265

Certificate No. : T24 - 0518

Page : 1 of 2

Certificate of Calibration

Customer : LT POWER ENGINEERING CO.,LTD.
Address : 130/153 M6, T.Bansuan, A.Muangchonburi, Chonburi 20000

Description of Equipment : Thermal Image
Manufacturer : Fluke
Model Number : Ti300+
Serial Number : Ti300+-20040070
ID. /Control No. : N/A
Made In : N/A
Location : MCL Laboratory
Environment Conditions : Temperature (23 +/- 3) °C
: Humidity (50 +/- 20) %RH
Cal Date : May 23, 2024
Issue Date : May 25, 2024

Uncertainty of Measurement

The reported uncertainty is based on a standard uncertainty multiplied by coverage factor of $k = 2$. It has been evaluated according to the "Expression of the Uncertainty of Measurement in Calibration (EA-4/02)" which provides a level of confidence approximately 95%.

Calibrated by : Pawinee Boonpet

Approved by : 

(Precha Pavachot)
Laboratory Manager

Certificate of Calibration :

Page : 2 of 2

Description :	Thermal Image	Serial No. :	Ti300+-20040070	Order No. :	2109 - 24
Manufacturer :	Fluke	ID. /Control No. :	N/A	Received Date :	May 21, 2024
Model :	Ti300+	Made In :	N/A	Calibration Date :	May 23, 2024

Calibration Method :

- This instrument was calibrated by comparison with standard on table follow to in - house calibration method
- The temperature scale used was based on ITS - 90
- This certificate may not be reproduced other than in full except with the prior written approval of the Head of Calibration Laboratory of Microtech Calibration Laboratory Co., Ltd.
- This result was found accurate as shown on date and place of calibration only.

Reference Standard :

Description	Model	Serial No.	Certificate No.	Due Date
Micro Bath	7103	B69423	SG-T-00601/66	Aug 26, 2024
Black Body Calibrator	BX-500	130209138	T23-1201	Oct 02, 2024

Traceability :

- The measurements are traceable to International System of Units (SI), through Success Gateway Co., Ltd.
- The measurements are traceable to International System of Units (SI), through Microtech Calibration Laboratory Co., Ltd.

Result of Calibration : Without Adjustment

Calibration Range: 30 to 100 °C **Resolution :** 0.1 °C

Target Size = 32 mm **Distance from Target = Nearest** **Instrument Emissivity = 0.95**

Standard Value (°C)	UUC* Reading (°C)	Correction (°C)
30.0	30.2	-0.2
70.0	70.5	-0.5
80.0	80.3	-0.3
90.0	90.4	-0.4
100.0	100.4	-0.4

Uncertainty of measurement result ± 1.32 °C

UUC* = Unit Under Calibration



MCL
Microtech Calibration laboratory



99/139 Moo 11, Soi Khaeng Khan 1, Phaholyothin Road 64, Khukhot, Lamlukka, Pathumthani 12130

99/139 หมู่ 11 ซอยแขวงขัน 1 ถนนพหลโยธิน 64 ตำบลคูคต อำเภอลำลูกกา จังหวัดปทุมธานี 12130

Tel: 02-0394265

CertificateNo. : E24 - 0293A

Page : 1 of 4

Certificate of Calibration

Customer : LT POWER ENGINEERING CO.,LTD.
Address : 130/153 M6, T.Bansuan, A.Muangchonburi, Chonburi 20000

Description of Equipment : True RMS Multimeter
Manufacturer : Fluke
Model Number : 115
Serial Number : 47320530SV
ID. /Control No. : N/A
Made In : U.S.A
Location : MCL Laboratory
Environment Conditions : Temperature (23 +/- 3) °C
: Humidity (50 +/- 15) % RH.
Cal Date : May 22, 2024
Issue Date : May 23, 2024

Uncertainty of Measurement

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95%.

Calibrated by : Kanchai Pavachot

Approved by :

(Precha Pavachot)

Laboratory Manager

Certificate of Calibration :

Description :	True RMS Multimeter	Serial No. :	47320530SV	Order No. :	2109 - 24
Manufacturer :	Fluke	ID. /Control No. :	N/A	Received Date :	May 21, 2024
Model :	115	Made In :	U.S.A	Calibration Date :	May 22, 2024

Calibration Method : Calibration Procedure Number MCL-CP92

Calibration Results : See data attached

This certificate is issued in accordance with ISO/IEC 17025 and the conditions of accreditation granted by the Thai Laboratory Accreditation Scheme which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realized at the corresponding national standards laboratory.

This certificate may not be reproduced other than in full except with the prior written approval of the Head of Calibration Laboratory of Microtech Calibration Laboratory Co., Ltd.

This result of calibration was found accurate as shown on date and place of calibration only.

Reference Standard

Description	Model	Serial No.	Certificate No.	Due Date
Multi-Product Calibrator	5502E	3862803	EE-0104-23	Oct 03, 2024

Condition as received : Normal
Definitions :-

* NIMT- National Institute of Metrology, Thailand

Calibration Results
1. Function : DC Voltage Calibration

(Perform "REL" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value		UUC Reading	Uncertainty (±)	Tolerance Limit Values		
600 mV	(Shorted)	0 mV	0.0 mV	0.058 mV	-0.2	~	0.2 mV
		60 mV	60.0 mV	0.058 mV	59.5	~	60.5 mV
		540 mV	539.8 mV	0.063 mV	537.1	~	542.7 mV
		-540 mV	-539.8 mV	0.061 mV	-537.5	~	-542.3 mV
6 V		0 V	0.000 V	0.00058 V	-0.002	~	0.002 V
		0.6 V	0.600 V	0.00058 V	0.595	~	0.605 V
		5.4 V	5.397 V	0.00063 V	5.371	~	5.426 V
60 V		6 V	6.00 V	0.0058 V	5.95	~	6.05 V
		54 V	54.00 V	0.0064 V	53.71	~	54.29 V
600 V		60 V	60.0 V	0.058 V	59.5	~	60.5 V
		540 V	539.8 V	0.063 V	537.1	~	542.7 V
		-540 V	-539.8 V	0.062 V	-537.5	~	-542.3 V

2. Function : AC Voltage Calibration @ Test Frequency

UUC Range	Standard Value		UUC Reading	Uncertainty (±)	Tolerance Limit Values		
600 mV	60 mV	50 Hz	59.8 mV	0.065 mV	59.1	~	60.9 mV
	540 mV	50 Hz	539.6 mV	0.18 mV	534.3	~	545.7 mV
6 V	0.6 V	50 Hz	0.596 V	0.010 V	0.591	~	0.609 V
	5.4 V	50 Hz	5.397 V	0.010 V	5.343	~	5.457 V
60 V	6 V	50 Hz	5.97 V	0.0070 V	5.91	~	6.09 V
	54 V	50 Hz	53.99 V	0.024 V	53.43	~	54.57 V
600 V	60 V	50 Hz	59.7 V	0.063 V	59.1	~	60.9 V
	540 V	50 Hz	539.6 V	0.23 V	534.3	~	545.7 V

11. 3/147

Certificate of Calibration :

Description : True RMS Multimeter **Serial No. :** 47320530SV **Order No. :** 2109 - 24
Manufacturer : Fluke **ID. /Control No. :** N/A **Received Date :** May 21, 2024
Model : 115 **Made In :** U.S.A **Calibration Date :** May 22, 2024

Calibration Results (Cont.)

3. Function : Resistance Calibration

(Perform "Zero" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values		
600 Ω	(Shorted) 0 Ω	0.0 Ω	0.058 Ω	-0.2	~	0.2 Ω
	60 Ω	60.1 Ω	0.058 Ω	59.3	~	60.7 Ω
	540 Ω	540.1 Ω	0.070 Ω	534.9	~	545.1 Ω
6 kΩ	0.6 kΩ	0.600 kΩ	0.00058 kΩ	0.594	~	0.606 kΩ
	5.4 kΩ	5.398 kΩ	0.00070 kΩ	5.350	~	5.450 kΩ
60 kΩ	6 kΩ	6.00 kΩ	0.0058 kΩ	5.94	~	6.06 kΩ
	54 kΩ	53.99 kΩ	0.0075 kΩ	53.50	~	54.50 kΩ
600 kΩ	60 kΩ	59.9 kΩ	0.058 kΩ	59.4	~	60.6 kΩ
	540 kΩ	539.3 kΩ	0.086 kΩ	535.0	~	545.0 kΩ
6 MΩ	0.6 MΩ	0.599 MΩ	0.00058 MΩ	0.594	~	0.606 MΩ
	5.4 MΩ	5.394 MΩ	0.0026 MΩ	5.350	~	5.450 MΩ
40 MΩ	5 MΩ	4.99 MΩ	0.0062 MΩ	4.73	~	5.27 MΩ
	36 MΩ	35.79 MΩ	0.017 MΩ	34.18	~	37.82 MΩ

4. Function : DC Current Calibration

(Perform "Zero" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values		
6 A	0.0 A	0.000 A	0.00058 A	-0.003	~	0.003 A
	0.6 A	0.600 A	0.00061 A	0.591	~	0.609 A
	5.4 A	5.396 A	0.0030 A	5.343	~	5.457 A
10 A	1 A	1.00 A	0.0058 A	0.96	~	1.04 A
	5 A	5.00 A	0.0064 A	4.92	~	5.08 A
	9 A	8.99 A	0.0074 A	8.88	~	9.12 A
	-9 A	-8.99 A	0.0069 A	-8.94	~	-9.06 A

5. Function : AC Current Calibration @ Test Frequency

UUC Range	Standard Value		UUC Reading	Uncertainty (±)	Tolerance Limit Values		
6 A	0.6 A	50 Hz	0.597 A	0.00066 A	0.588	~	0.612 A
	5.4 A	50 Hz	5.395 A	0.0041 A	5.316	~	5.484 A
10 A	1 A	50 Hz	1.00 A	0.0058 A	0.96	~	1.05 A
	5 A	50 Hz	4.99 A	0.0070 A	4.90	~	5.11 A
	9 A	50 Hz	8.99 A	0.0081 A	8.84	~	9.17 A

Certificate of Calibration :

Description :	True RMS Multimeter	Serial No. :	47320530SV	Order No. :	2109 - 24
Manufacturer :	Fluke	ID. /Control No. :	N/A	Received Date :	May 21, 2024
Model :	115	Made In :	U.S.A	Calibration Date :	May 22, 2024

Calibration Results (Cont.)

6. Function : Capacitance Calibration

(Perform "Zero" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values	
1000 nF	100 nF	100 nF	0.64 nF	96	~ 101 nF
	900 nF	900 nF	2.6 nF	881	~ 911 nF
10 µF	1 uF	1.00 µF	0.0064 µF	0.96	~ 1.03 µF
	9 uF	8.99 µF	0.026 µF	8.81	~ 9.13 µF
100 µF	10 uF	10.0 µF	0.064 µF	9.6	~ 10.3 µF
	90 uF	90.0 µF	0.40 µF	88.1	~ 91.3 µF
10000 µF	100 uF	100 µF	0.72 µF	75	~ 125 µF
	1000 uF	1045 µF	4.3 µF	930	~ 1070 µF

7. Function : Frequency Calibration

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values	
99.99 Hz	10 Hz	10.00 Hz	0.0059 Hz	9.89	~ 10.11 Hz
	90 Hz	90.00 Hz	0.0063 Hz	89.17	~ 90.83 Hz
999.9 Hz	100 Hz	100.0 Hz	0.058 Hz	98.9	~ 101.1 Hz
	900 Hz	900.0 Hz	0.061 Hz	891.7	~ 908.3 Hz
9.999 kHz	1 kHz	1.000 kHz	0.00058 kHz	0.989	~ 1.011 kHz
	9 kHz	9.000 kHz	0.00060 kHz	8.917	~ 9.083 kHz
99.99 kHz	10 kHz	10.00 kHz	0.0058 kHz	9.89	~ 10.11 kHz
	90 kHz	90.00 kHz	0.0060 kHz	89.10	~ 90.83 kHz

UUC* = Unit Under Calibration



บริษัท ชัน อิเล็กทริก แอนด์ ซัพพลาย จำกัด
SUN ELECTRIC AND SUPPLY COMPANY LIMITED

TAX ID : 0205560024463

31-33 ซ.พิพัฒนา 1 ถนนสุขุมวิท ต.ศรีราชา อ.ศรีราชา จ.ชลบุรี 20110

FOR

Owner : โรงพยาบาลสิริเวชจันทบุรี (ตึก B)

Project : ตรวจสอบระบบไฟฟ้าประจำปี พ.ศ. 2568

Date : 29 เมษายน 2568

INDEX

CHAPTER 1	SUMMARY REPORT / PROBLEM AND SOLUTION REPORT
CHAPTER 2	LOW VOLTAGE EQUIPMENT TEST REPORT
	- MAIN DISTRIBUTION
	- CAPACITOR BANK
CHAPTER 3	GROUNDING SYSTEM TEST REPORT
CHAPTER 4	THERMO SCAN REPORT
CHAPTER 5	CALIBRATION TEST

SUMMARY REPORT

PROBLEM AND SOLUTION REPORT

	Summary of Preventive Maintenance			
รายงานการตรวจ	ปกติ	ผิดปกติ	ข้อเสนอแนะ	ปัญหาที่พบขณะตรวจสอบ
1 ระบบไฟฟ้าแรงต่ำ 1 .1 สายแรงต่ำ 1 .2 วิธีเดินสาย 1 .3 อุณหภูมิสาย 1 .4 ลักษณะการติดตั้ง 1 .5 DB 1 .6 อื่น ๆ	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓	✓	- ตู้ 1DB1 MCCB 4 ตัว มีรอยไหม้ (1PB1,1PB2,1PB3,1LP1) - ตู้ 1PB2,1LS1,1LP1,1PB3,2PB2,2EP2,2EP1,2PB1,2PB3,2UP1,3EP1,3EP2,3PB1,4EP2,4EP1,4PB1,5EP1,5PB1,5UP1,6EP1,7EP1,7PB1,8DB1,8EP1,8PB1,8ED1,9EP1,9PB1,10EP1,10PB1,10PB2,B5/1 ไม่มี กราวด์ฟาล์ว - ตู้ 5ED1 เบรกเกอร์ 6EP1 ใหม่ 1ตัว 100 A - ตู้ 1PB2 - 1EP1 - 4EP2 สายกราวด์หลวม
2 Main distribution board MDB 1 2 .1 บริเวณการติดตั้ง 2 .2 Main circuit breaker 2 .3 Phase Protection 2 .4 Monitor 2 .5 Capacitor 2 .6 อุณหภูมิ 2 .7 แสงสว่างภายใน 2 .8 ระบบ ground 2 .9 อื่น ๆ	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			
3 Main distribution board MDB 2 3 .1 บริเวณการติดตั้ง 3 .2 Main circuit breaker 3 .3 Phase Protection 3 .4 Monitor 3 .5 Capacitor 3 .6 อุณหภูมิ 3 .7 แสงสว่างภายใน 3 .8 ระบบ ground 3 .9 อื่น ๆ	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			

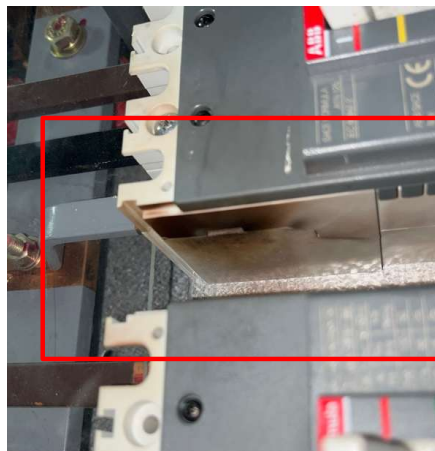
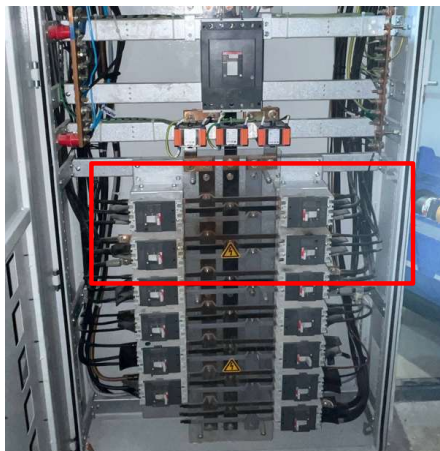


PROBLEM AND SOLUTION

1.5

ตู้ 1DB1

BEFORE



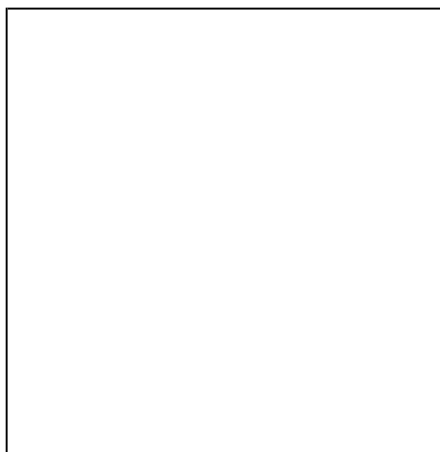
ปัญหาที่พบก่อนการแก้ไข

- MCCB 4 ตัว มีรอยไหม้ (1PB1,1PB2,1PB3,1LP1)

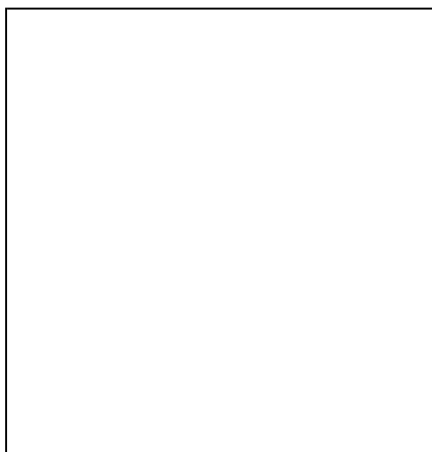
ข้อเสนอแนะ

- ควรเปลี่ยน MCCB 4 ตัว

AFTER



AFTER



หลังการแก้ไข

	PROBLEM AND SOLUTION	1.5
---	----------------------	-----

ตู้ 1PB2,1LS1,1LP1,1PB3,2PB2,2EP2,2EP1,2PB1,2PB3,2UP1,3EP1,3EP2,3PB1,4EP2,4EP1,4PB1,5EP1,5PB1,5UP1,6EP1,7EP1,7PB1,8DB1,8EP1,8PB1,8ED1,9EP1,9PB1,10EP1,10PB1,10PB2,B5/1

BEFORE



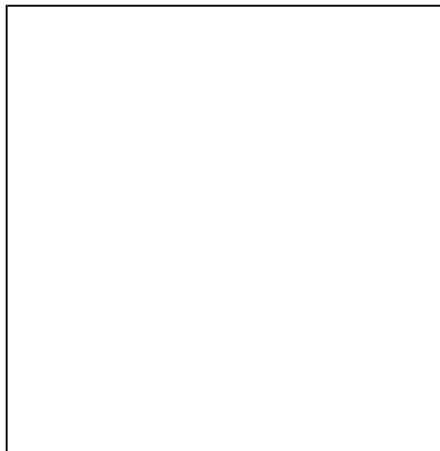
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- ไม่มี กราวด์ฟลาต

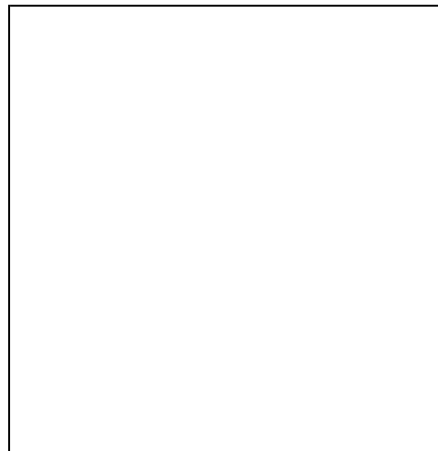
ข้อเสนอแนะ

- ควรติดตั้ง กราวด์ฟลาต

AFTER



AFTER



หลังการแก้ไข

	PROBLEM AND SOLUTION	1.5
---	----------------------	-----

ตู้ 5ED1 เบรกเกอร์ 6EP1 ใหม่ 1ตัว 100 A

BEFORE



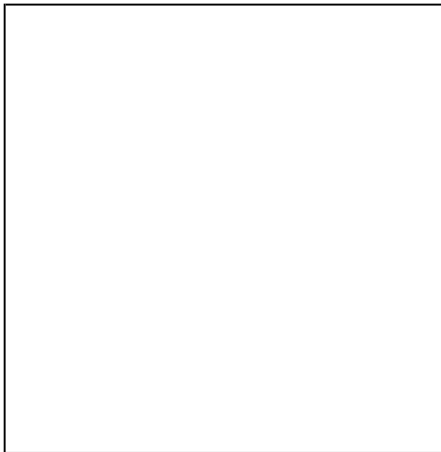
ปัญหาที่พบก่อนการแก้ไข

- เบรกเกอร์ 100 A ใหม่

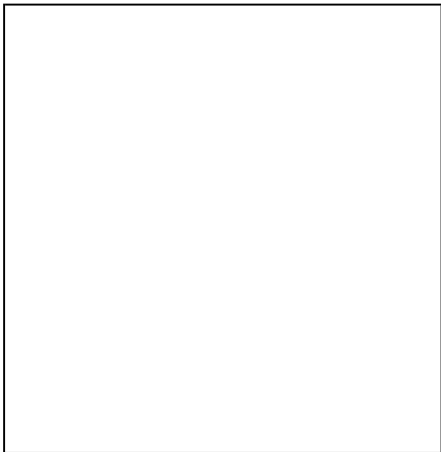
ข้อเสนอแนะ

- เปลี่ยนเบรกเกอร์ใหม่

AFTER



AFTER



หลังการแก้ไข

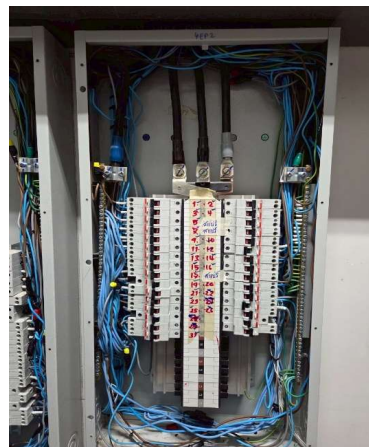
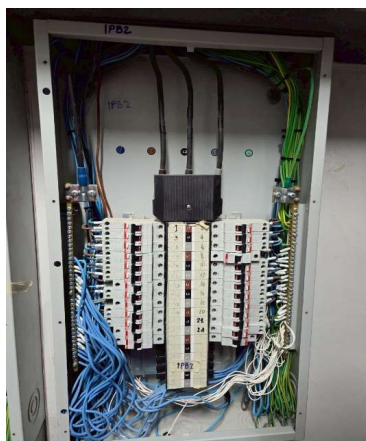


PROBLEM AND SOLUTION

1.5

ตู้ 1PB2 - 1EP1 - 4EP2 สายกราวด์หลวม

BEFORE

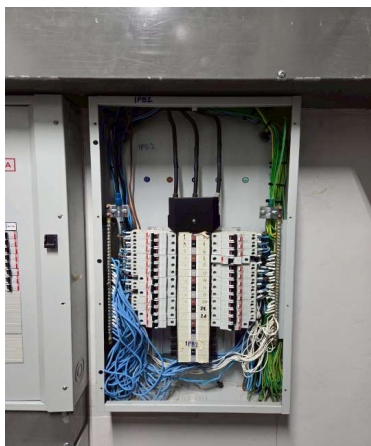


ปัญหาที่พบก่อนการแก้ไข

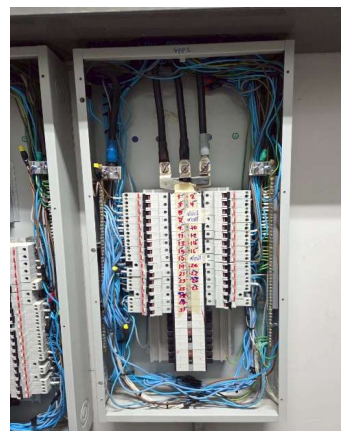
- สายกราวด์หลวม

ข้อเสนอแนะ

AFTER



AFTER



หลังการแก้ไข

ชั้นทอร์คให้แน่น

LOW VOLTAGE EQUIPMENT TEST REPORT

- MAIN DISTRIBUTION

	MDB	MDB1
---	-----	------

MDB/DB NAME : MDB 1

LOCATION : ห้องควบคุมไฟระบบ



1. VISUAL INSPECTION

- Check panel support and door	Normal	
- Complete assembly	Normal	
- Tightness of fitting bolt	Normal	
- Lamp , Name plate and cleanliness	Normal	
- Wiring connection	Normal	
- Earthing connection	Normal	
- Accessories check	Normal	
- Control cable , cable number	Normal	
- Lighting ,Emergency light	Normal	

2. METERING INSTRUMENT CHECK

- Voltmeter check	Normal	
- Ammeter check	Normal	
- Volt selector check	Normal	
- Amp selector check	Normal	
- Pilot lamp check	Normal	
- Fuse control check	Normal	
- Push button check	N/A	
- Power meter check	N/A	
- Watt-hour meter check	Normal	
- Digital multimeter check	N/A	
- Phase protection	Normal	

3. GROUND TEST

3.1 Bar grounding point : 0.31 Ω RESULT : Passed

4. REFERENCE FOR USED INSTRUMENT

4.1 Insulation-continuity tester

Manufacturer : KYORITSU Type : 3005A

4.2 Earth tester

Manufacturer : KYORITSU Type : KEW 4105A

5. COMMENT

-



Cleanliness



ACB



Earthing connection



Tightness of fitting bolt



BEFORE



BEFORE



Mark the nut after tightening



AFTER



AFTER



MDB

MDB2

MDB/DB NAME : MDB 2

LOCATION : ห้องควบคุมไฟระบบ

1. VISUAL INSPECTION

- | | | |
|-------------------------------------|--------|-------|
| - Check panel support and door | Normal | _____ |
| - Complete assembly | Normal | _____ |
| - Tightness of fitting bolt | Normal | _____ |
| - Lamp , Name plate and cleanliness | Normal | _____ |
| - Wiring connection | Normal | _____ |
| - Earthing connection | Normal | _____ |
| - Accessories check | Normal | _____ |
| - Control cable , cable number | Normal | _____ |
| - Lighting ,Emergency light | Normal | _____ |

2. METERING INSTRUMENT CHECK

- | | | |
|----------------------------|--------|-------|
| - Voltmeter check | Normal | _____ |
| - Ampmeter check | Normal | _____ |
| - Volt selector check | Normal | _____ |
| - Amp selector check | Normal | _____ |
| - Pilot lamp check | Normal | _____ |
| - Fuse control check | Normal | _____ |
| - Push button check | N/A | _____ |
| - Power meter check | N/A | _____ |
| - Watt-hour meter check | Normal | _____ |
| - Digital multimeter check | N/A | _____ |
| - Phase protection | Normal | _____ |

3. GROUND TEST3.1 Bar grounding point : 0.31 Ω RESULT : Passed**4. REFERENCE FOR USED INSTRUMENT**

4.1 Insulation-continuity tester

Manufacturer : KYORITSU Type : 3005A

4.2 Earth tester

Manufacturer : KYORITSU Type : KEW 4105A

5. COMMENT

-





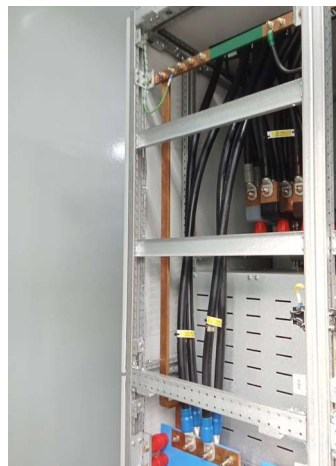
MDB 2



Cleanliness



ACB



Earthing connection



Tightness of fitting bolt



BEFORE



BEFORE



Mark the nut after tightening



AFTER



AFTER

	DB/LP	DB-01
---	-------	-------

DB/LP NAME : 1DB1 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

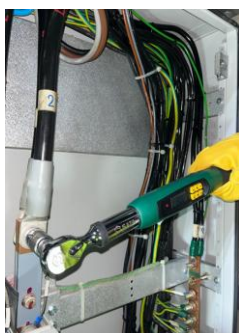
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- MCCB 4 ตัว มีรอยไหม้
- มีสายที่ติดค้างไว้



Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



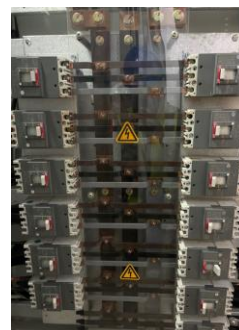
BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-02
---	-------	-------

DB/LP NAME : 1EP1 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

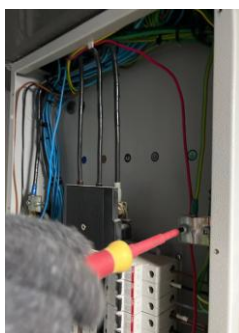
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลัดดู
- สายกราวด์หลวม (แก้ไขแล้ว)



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-03
---	-------	-------

DB/LP NAME : 1EP2 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

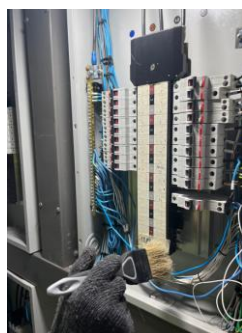
3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

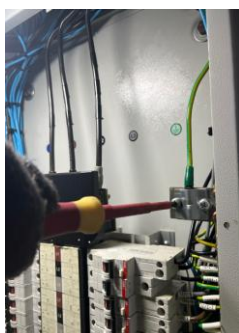
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลุตู้



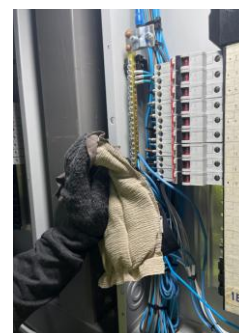
Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-04
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DB/LP NAME : 1EP3 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

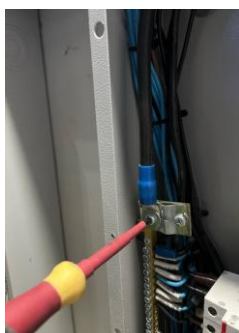
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

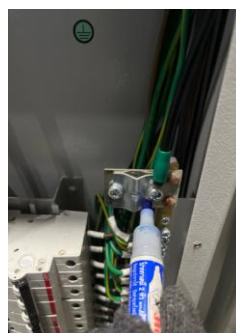
- ไม่มี กรรไกรตัดลวด
- สายกราวด์หลวม (แก้ไขแล้ว)



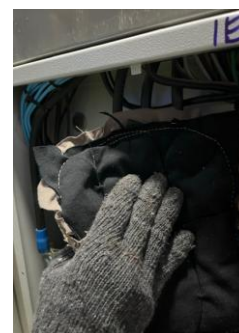
Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-05
---	-------	-------

DB/LP NAME : 1UP1 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กรรไกรตัดลวด



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-06
---	-------	-------

DB/LP NAME : 1PB1 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

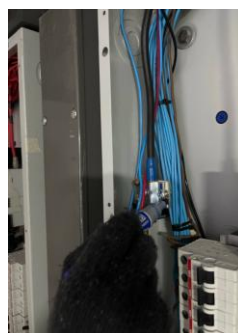
- ไม่มี กราวด์ฟลัดดู
- เบรกเกอร์มีรอยไหม้ (จากตู้ 1DB1)



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-07
---	-------	-------

DB/LP NAME : 1PB2 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

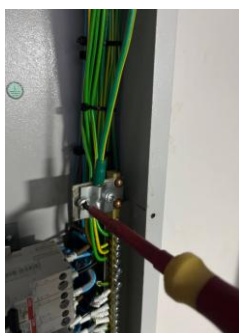
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลัด
- เบรกเกอร์มีรอยไหม้ (จากตู้ 1DB1)
- สายกราวด์หลวม (แก้ไขแล้ว)



Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



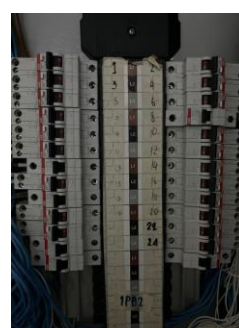
BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-08
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DB/LP NAME : 1LS1 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลุตู้



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-09
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DB/LP NAME : 1LP1 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลุตู้
- เบรกเกอร์มีรอยไหม้ (จากตู้ 1DB1)



Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



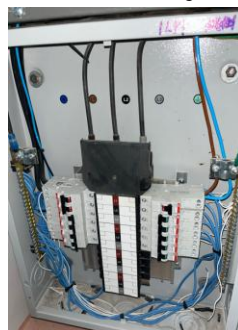
Cleanliness



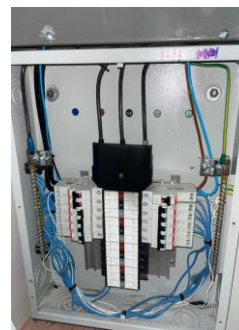
BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-10
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DB/LP NAME : 1PB3 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลัด



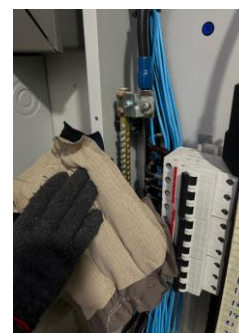
Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-11
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DB/LP NAME : 2DB1 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

-



Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-12
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DB/LP NAME : 2PB2 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

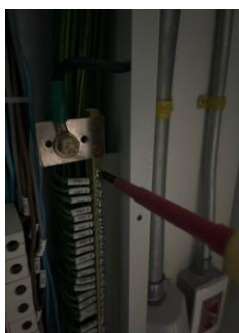
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลัต
- สายกราวด์หลวม (แก้ไขแล้ว)



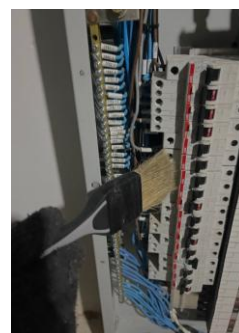
Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-13
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DB/LP NAME : 2EP2 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

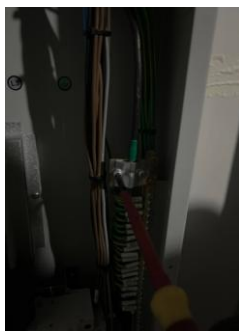
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลุตู้



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-14
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DB/LP NAME : 2EP1 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กรรไกรตัดลวด



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-15
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DB/LP NAME : 2PB1 LOCATION : ชั้น 1

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

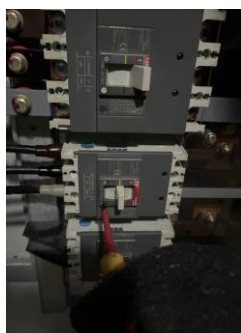
3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

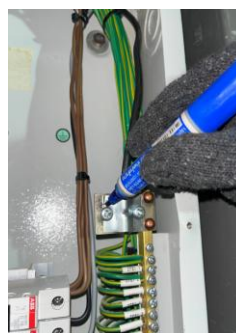
- ไม่มี กราวด์ฟลุตู้



Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-16
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DB/LP NAME : 2PB3 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

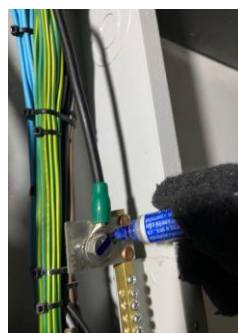
- ไม่มี กราวด์ฟลุตู้



Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



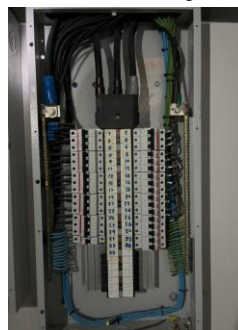
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-17
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DB/LP NAME : 2UP1 LOCATION : ชั้น 2

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลุตู้



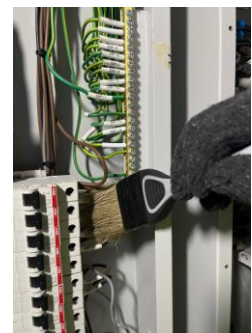
Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-18
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DB/LP NAME : 3ED1 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check Normal
- Amp selector check Normal
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check Normal
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

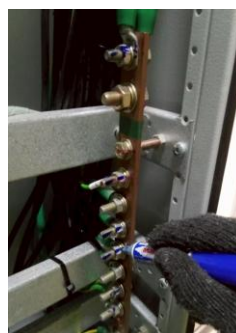
-



Cleanliness



Tightness of fitting bolt



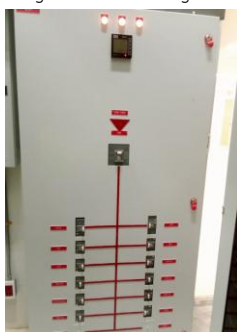
Mark the nut after tightening



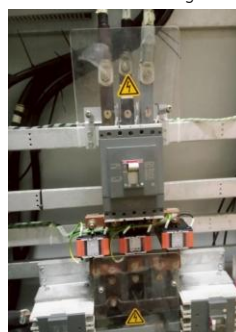
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-19
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DB/LP NAME : 3EP1 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

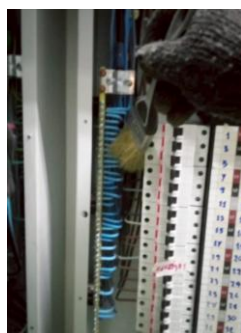
- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กรรไกรตัดลวด
- สายกราวด์หลวม (แก้ไขแล้ว)
- สายนิวตรอนหลวม (แก้ไขแล้ว)



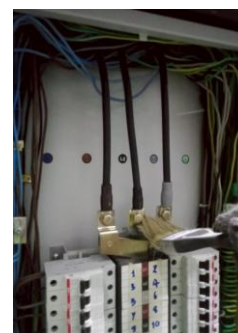
Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



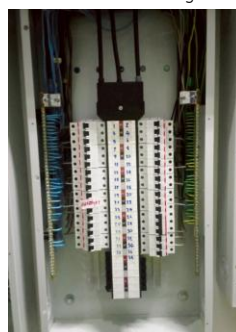
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-20
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DB/LP NAME : 3EP2 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

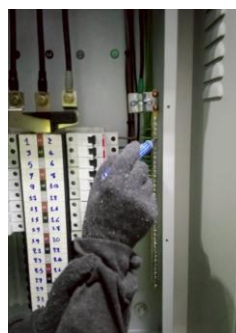
- ไม่มี กรรไกรตัดลวด
- สายกราวด์หลวม (แก้ไขแล้ว)
- สายนิวตรอนหลวม(แก้ไขแล้ว)



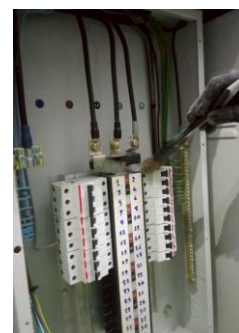
Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



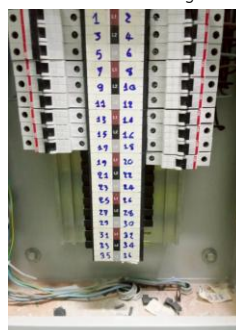
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-21
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DB/LP NAME : 3PB1 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

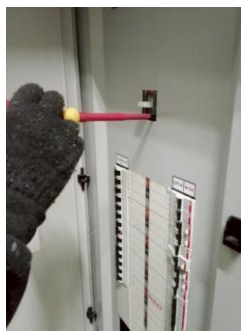
3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

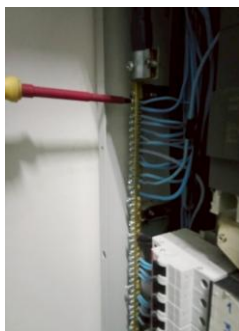
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

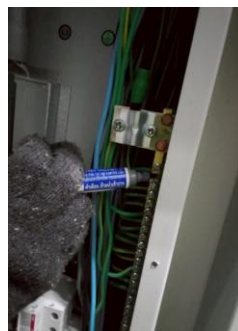
- ไม่มี กราวด์ฟลัด
- สายกราวด์หลวม (แก้ไขแล้ว)
- สายนิวตรอนหลวม (แก้ไขแล้ว)



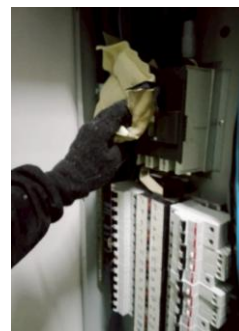
Test MCCB



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-22
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DB/LP NAME : 3UD1 LOCATION : ชั้น 3

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check Normal
- Amp selector check Normal
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check Normal
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- มีกระดาษพันหุ้มสายประธาน (แก้ไขน้าออกแล้ว)



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-24
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DB/LP NAME : 4EP1 LOCATION : ชั้น 4

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

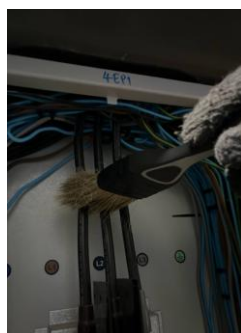
3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

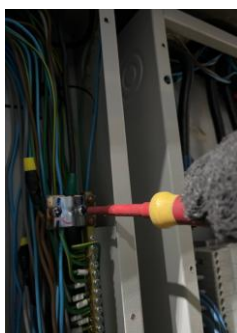
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลุตู้



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-23
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DB/LP NAME : 4EP2 LOCATION : ชั้น 4

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

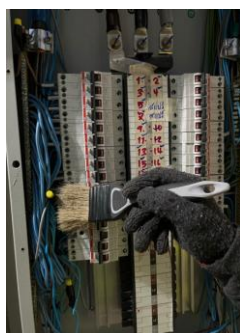
- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

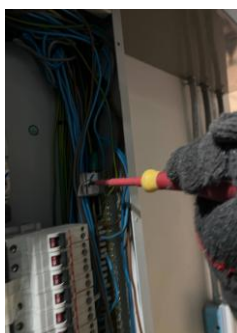
- 3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฟลัด
- สายกราวด์หลวม (แก้ไขแล้ว)
- สายนิวตรอนหลวม (แก้ไขแล้ว)



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-25
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DB/LP NAME : 4PB1 LOCATION : ชั้น 4

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กรรไกรตัดลวด



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-26
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DB/LP NAME : 5DB1 LOCATION : ชั้น 5

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

-



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-27
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DB/LP NAME : 5ED1 LOCATION : ชั้น 5

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- เบรกเกอร์ 6EP1 ใหม่ 1ตัว 100 A



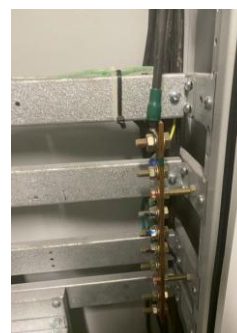
Wiring connection



Tightness of fitting bolt



Mark the nut after tightening



Earthing connection



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-28
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DB/LP NAME : 5EP1 LOCATION : ชั้น 5

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

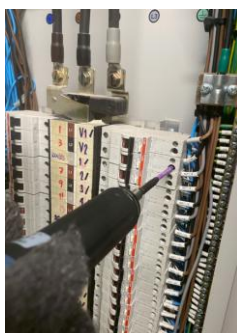
- ไม่มี กราวด์ผ่าตู้

- สายนิวตรอนหลวม (แก้ไขแล้ว)

- สายกราวด์หลวม (แก้ไขแล้ว)



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-29
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DB/LP NAME : 5PB1 LOCATION : ชั้น 5

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

3.1 Insulation-continuity test Manufacturer : KYORITSU Type : 3005A

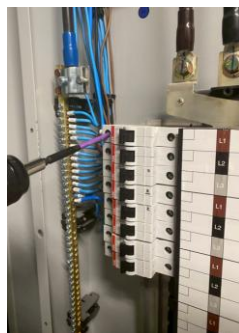
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

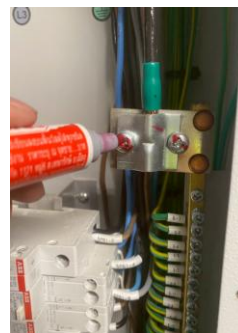
- ไม่มี กราวด์ฝาตู้



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-30
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DB/LP NAME : 5UP1 LOCATION : ชั้น 5

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

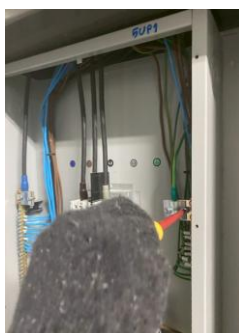
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มี กราวด์ฝาตู้
- สายนิวตรอนหลวม (แก้ไขแล้ว)
- สายกราวด์หลวม (แก้ไขแล้ว)



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



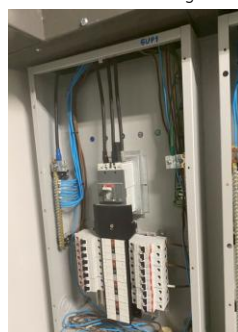
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-48
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DB/LP NAME : _____ B5/1 _____ LOCATION : _____ ชั้น 5 _____

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดไฟตู้



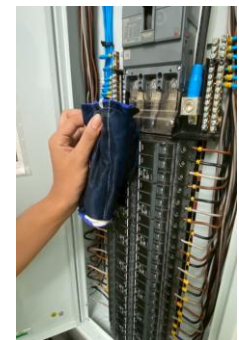
Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-31
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DB/LP NAME : 6DB1 LOCATION : ชั้น 6

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check Normal
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-32
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DB/LP NAME : 6EP1 LOCATION : ชั้น 6

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

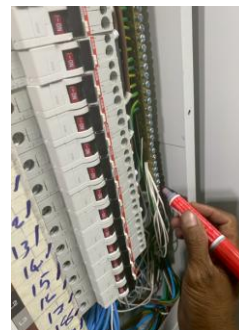
- ไม่มีกรวดฟาดตู้



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



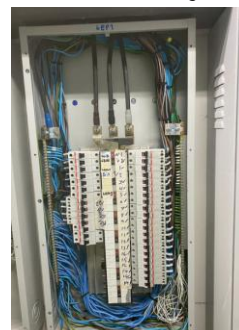
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-33
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DB/LP NAME : 6PB1 LOCATION : ชั้น 6

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- สายกราวด์หลุดออกจากบาร์ (แก้ไขแล้ว)



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-34
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DB/LP NAME : 7DB1 LOCATION : ชั้น 7

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

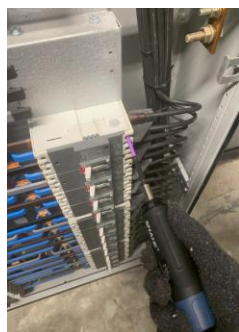
3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT



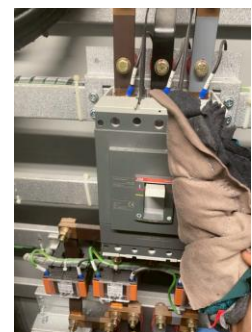
Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-35
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DB/LP NAME : 7EP1 LOCATION : ชั้น 7

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกราวด์ฟาดู
- สายกราวด์หลวม (แก้ไขแล้ว)



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-36
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DB/LP NAME : 7PB1 LOCATION : ชั้น 7

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

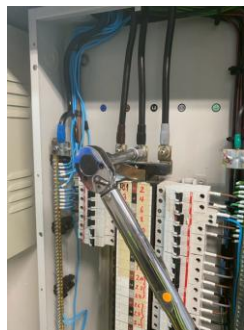
- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

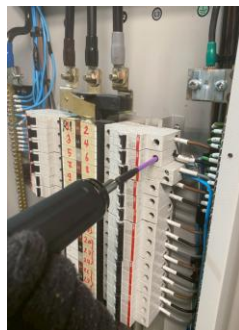
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดฝ้าตู้
- สายนิวตรอนหลวม (แก้ไขแล้ว)
- สายกราวด์หลวม (แก้ไขแล้ว)



Tightness of fitting bolt



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-37
---	-------	-------

DB/LP NAME : 8DB1 LOCATION : ชั้น 8

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

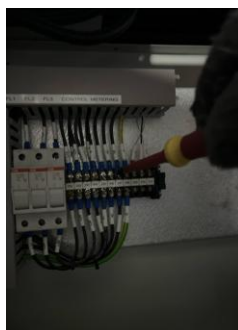
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดฝ้าตู้



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness

	DB/LP	DB-38
---	-------	-------

DB/LP NAME : 8EP1 LOCATION : ชั้น 8

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

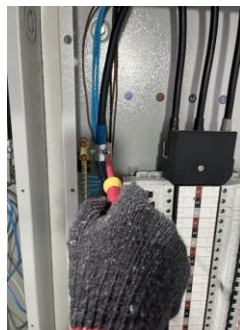
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

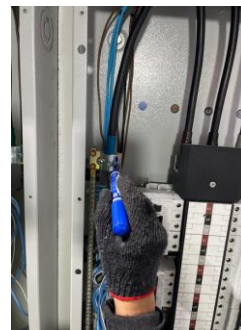
- ไม่มีกรวดฝ้าตู้
- สายนิวตรอนหลวม (แก้ไขแล้ว)
- สายกราวด์หลวม (แก้ไขแล้ว)



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-39
---	-------	-------

DB/LP NAME : 8PB1 LOCATION : ชั้น 8

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

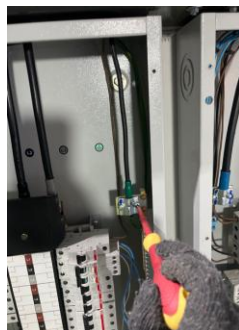
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดฟาดตู้



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



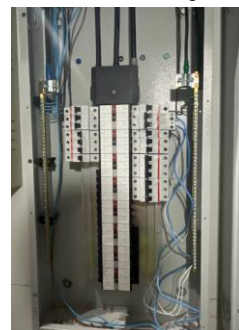
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-40
---	-------	-------

DB/LP NAME : 8ED1 LOCATION : ชั้น 8

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดฟาดตู้



BEFORE



AFTER



Cleanliness



Cleanliness

	DB/LP	DB-41
---	-------	-------

DB/LP NAME : 9DB1 LOCATION : ชั้น 9

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

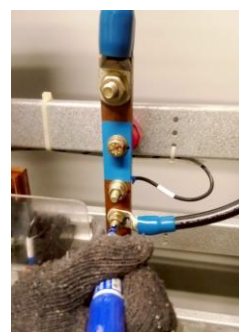
4. COMMENT



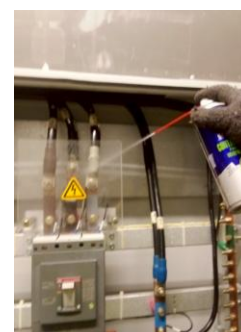
Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-42
---	-------	-------

DB/LP NAME : 9EP1 LOCATION : ชั้น 9

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

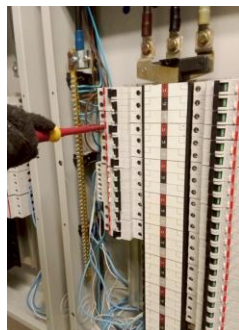
- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกราวด์ฟาดู



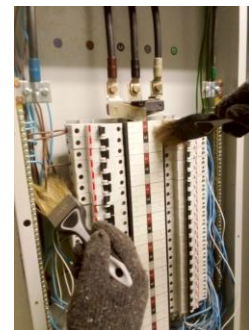
Cleanliness



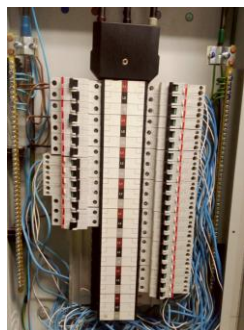
Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-43
---	-------	-------

DB/LP NAME : 9PB1 LOCATION : ชั้น 9

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดฟาดตู้



Cleanliness



Tightness of fitting bolt



Mark the nut after tightening



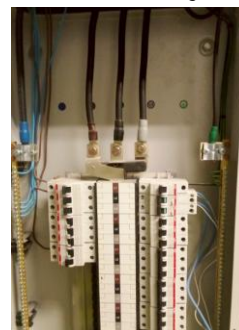
Cleanliness



Cleanliness



Cleanliness



BEFORE



AFTER

	DB/LP	DB-44
---	-------	-------

DB/LP NAME : 10DB1 LOCATION : ชั้น 10

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check Normal
- Ampmeter check Normal
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check Normal
- Fuse control check Normal
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check Normal

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



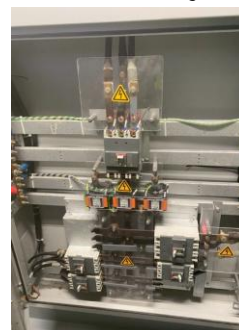
Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-45
---	-------	-------

DB/LP NAME : 10EP1 LOCATION : ชั้น 6

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดฟ้าตู้
- สายนิวตรอนหลวม (แก้ไขแล้ว)



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-46
---	-------	-------

DB/LP NAME : 10PB1 LOCATION : ชั้น 10

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดฟาดตู้



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



BEFORE



AFTER



BEFORE



AFTER

	DB/LP	DB-47
---	-------	-------

DB/LP NAME : 10PB2 LOCATION : ชั้น 10

1. VISUAL INSPECTION

- Check panel support and door Normal
- Complete assembly Normal
- Tightness of fitting bolt Normal
- Lamp, Name plate and cleanline Normal
- Wiring connection Normal
- Earthing connection Normal
- Accessories check Normal
- Control cable , cable number Normal

2. METERING INSTRUMENT CHECK

- Voltmeter check N/A
- Ampmeter check N/A
- Volt selector check N/A
- Amp selector check N/A
- Pilot lamp check N/A
- Fuse control check N/A
- Push button check N/A
- Power meter check N/A
- Watt-hour meter check N/A
- Digital multimeter check N/A

3. REFERENCE FOR USED INSTRUMENT

- 3.1 Insulation-continuity test: Manufacturer : KYORITSU Type : 3005A
 3.2 Earth tester Manufacturer : KYORITSU Type : KEW 4105A

4. COMMENT

- ไม่มีกรวดฟาดตู้



Earthing connection



Tightness of fitting bolt



Mark the nut after tightening



Cleanliness



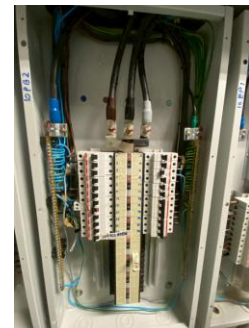
BEFORE



AFTER



BEFORE



AFTER

LOW VOLTAGE EQUIPMENT TEST REPORT

- CAPACITOR BANK

	CAPACITOR BANK	CAP1
---	----------------	------

FACTORY : โรงพยาบาลสิริเวชจันทบุรี (ตึก B)

1. CAPACITOR BANK UNIT CUBICAL NAME : CAP1
 CAP MNF : ABB CAP RATED : 50 kVAR ## Volt
 PFC.MNF : ABB PFC.TYPE : RVT2-12-1/5A SERIAL : 073317
 CONT.MNF. : ABB CONT.TYPE: UA50-30 CONT.RATE : 230
 Fuse MNF : ABB Type : OFAF000H100



2. CAPACITOR INSPECTION CHECK

1. PFC	1.1	Power Factor control relay (Auto/Manual)	Normal	
	1.2	Selector switch and push button	Normal	
	1.3	Status lamp ON/OFF	Normal	
2.Power	2.1	Main Circuit Breaker	Normal	
	2.2	Power Cable	Normal	
3.Fuse	3.1	HRC Fuse link Check	Normal	
	3.2	Fuse base	Normal	
4.Magnetic	4.1	Magnetic contactor check	Normal	
	4.2	Magnetic contactor's surface check	Normal	
5.General	5.1	Capacitor bank and Support cubicle	Normal	
	5.2	Capacitor unit condition	Normal	
	5.3	Grounding connection condition	Normal	
	5.4	Cooling equipment condition	Normal	

3.MICRO FARAD MEASUREMENT

Phase	STEP (μF)											
	1	2	3	4	5	6	7	8	9	10	11	12
A-B	307	303	306	307	307	306	306	308	306	306	304	305
B-C	303	297	306	306	307	305	305	308	305	306	304	306
A-C	307	302	306	307	307	306	305	308	305	306	304	306

** ค่า cap bank มาตรา: 274.42 - 317.75 (μF)

Note: Cap.should be value (Star) $Y = \frac{kvar \times 109}{(6.28 \times f \times v^2)}$, $(\Delta) \Delta = \frac{(kvar \times 109)}{(18.84 \times f \times v^2)} \times \frac{3}{2}$

Test Equipments Capacitance Tester : MULTIMETER Type /Model : FLUKE / 115 TRUE RMS

4. COMMENT

-



CAPACITOR BANK 1



Power Factor Controller



Cooling equipment condition



Capacitor unit condition



FUSE



MAGNETIC



Tightness of fitting bolt



MICRO FARAD STEP 1 A-B



MICRO FARAD STEP 1 B-C



MICRO FARAD STEP 1 A-C

	CAPACITOR BANK	CAP2
---	----------------	------

FACTORY : โรงพยาบาลสิริเวชจันทบุรี (ตึก B)

1. CAPACITOR BANK UNIT CUBICAL NAME : CAP2

CAP MNF : ABB CAP RATED : 50 kVAR ## Volt

PFC.MNF : ABB PFC.TYPE : RVT2-12-1/5A SERIAL : 073319

CONT.MNF. : ABB CONT.TYPE: UA50-30 CONT.RATE : 230

Fuse MNF : ABB Type : OFAF000H100



2. CAPACITOR INSPECTION CHECK

1. PFC	1.1	Power Factor control relay (Auto/Manual)	Normal	
	1.2	Selector switch and push button	Normal	
	1.3	Status lamp ON/OFF	Normal	
2.Power	2.1	Main Circuit Breaker	Normal	
	2.2	Power Cable	Normal	
3.Fuse	3.1	HRC Fuse link Check	Normal	
	3.2	Fuse base	Normal	
4.Magnetic	4.1	Magnetic contactor check	Normal	
	4.2	Magnetic contactor's surface check	Normal	
5.General	5.1	Capacitor bank and Support cubicle	Normal	
	5.2	Capacitor unit condition	Normal	
	5.3	Grounding connection condition	Normal	
	5.4	Cooling equipment condition	Normal	

3.MICRO FARAD MEASUREMENT

Phase	STEP (μF)											
	1	2	3	4	5	6	7	8	9	10	11	12
A-B	305	304	304	304	305	305	304	305	306	304	304	305
B-C	305	304	304	303	303	305	304	304	306	305	305	305
A-C	305	304	304	303	305	304	305	305	306	306	305	305

** ค่า cap bank มาตรฐาน 274.42 - 317.75 (μF)

Note: Cap.should be value (Star) $Y = \frac{kvar \times 109}{(6.28 \times f \times v^2)}$, $(\Delta) = \frac{(kvar \times 109)}{(18.84 \times f \times v^2)} \times \frac{3}{2}$

Test Equipments Capacitance Tester : MULTIMETER Type /Model : FLUKE / 115 TRUE RMS

4. COMMENT

-



CAPACITOR BANK 2



Power Factor Controller



Cooling equipment condition



Capacitor unit condition



FUSE



MAGNETIC



Capacitor bank and Support cubicle



MICRO FARAD STEP 1 A-B



MICRO FARAD STEP 1 B-C



MICRO FARAD STEP 1 A-C

GROUNDING SYSTEM TEST REPORT



GROUND

FACTORY : โรงพยาบาลสิริเวชจันทบุรี (ตึก B)
LOCATIONS NAME : MDB

1. Method of Test and Measured values

Selective Earth Measurement (one Clamp) (Result : Resistance (RE) (Ω))

2. Visual Inspection

Ground terminal box physical condition ☒ Normal ☐ See comment ☐ N/A
Wiring and connection ☒ Normal ☐ See comment ☐ N/A

3. Grounding resistance measurement

Item	Feeder name	Resistance (Ω)
1	MDB 1 , MDB 2 E3 Equipment ground	0.31

Note: Acceptable value of ground resistance is not more than 5 Ohm



MDB 1 , MDB 2 E3

4. Test equipment

Manufacture KYORITSU Type KEW 4200 Serial No. 8258708

5. COMMENT

-

THERMO SCAN REPORT

	Thermoscan Report	Data-1
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Location		อุปกรณ์	Before						After						Description
			L1	L2	L3	Avg	Min	Max	L1	L2	L3	Avg	Min	Max	
1	MDB1 (B)	ACB	-	-	-	25.6	23.7	38.7	-	-	-	24.0	21.9	36.6	Normal
2	CAP1	FUSE	-	-	-	29.3	20.4	53.1	-	-	-	27.4	24.6	29.7	Normal
3	TIE	ACB	-	-	-	23.6	23.0	26.0	-	-	-	22.3	21.5	25.1	Normal
4	MDB2 (B)	ACB	-	-	-	23.9	22.6	38.0	-	-	-	23.6	22.3	37.2	Normal
5	CAP2	Main MCCB	-	-	-	23.3	22.7	30.3	-	-	-	21.7	20.9	27.6	Normal
6	CAP2	FUSE	39.4	35.0	31.4	-	-	-	36.4	35.2	33.4	-	-	-	Normal
7	1EAP-03	Main MCCB	23.7	23.9	23.8	-	-	-	22.5	22.7	22.4	-	-	-	Normal
8	EMDB1	Main MCCB	29.6	34.0	32.9	-	-	-	31.0	31.0	30.2	-	-	-	Normal
9	10EP1	Main MCCB	21.4	21.6	22.3	-	-	-	20.6	20.7	20.6	-	-	-	Normal
10	10PB2	MCCB	-	-	-	21.6	20.6	29.5	-	-	-	21.1	19.9	28.1	Normal
11	10DB1	Main MCCB	23.2	21.1	19.4	-	-	-	19.8	19.7	20.9	-	-	-	Normal
12	9DB1	Main MCCB	26.8	26.8	26.8	-	-	-	24.6	24.6	24.7	-	-	-	Normal
13	9EP1	MCCB	-	-	-	27.1	26.5	31.3	-	-	-	26.9	25.9	30.3	Normal
14	9PB1	MCCB	-	-	-	27.4	26.0	32.3	-	-	-	27.1	26.2	32.0	Normal
15	8DB1	Main MCCB	27.5	27.4	27.6	-	-	-	27.1	26.9	27.0	-	-	-	Normal
16	8EP1	MCCB	-	-	-	28.1	27.5	32.4	-	-	-	27.6	27.0	32.3	Normal
17	8PB1	MCCB	-	-	-	27.7	27.2	30.7	-	-	-	27.7	27.0	30.4	Normal
18	8ED1	Main MCCB	27.5	27.3	27.4	-	-	-	27.2	27.3	27.2	-	-	-	Normal
19	RFEL-01	Main MCCB	-	-	-	27.9	27.0	31.3	-	-	-	26.3	25.3	28.7	Normal
20	RFEAP-07	Main MCCB	-	-	-	30.9	29.0	34.0	-	-	-	30.8	29.1	33.0	Normal
21	RFEL-02	Main MCCB	28.4	28.4	28.4	-	-	-	28.3	28.4	28.3	-	-	-	Normal
22	7DB1	Main MCCB	21.5	21.5	21.5	-	-	-	20.8	20.8	20.9	-	-	-	Normal
23	7EP1	MCCB	-	-	-	23.4	21.9	28.3	-	-	-	23.1	21.5	28.1	Normal
24	7PB1	MCCB	-	-	-	22.6	22.0	26.2	-	-	-	21.9	21.0	28.2	Normal
25	6DB1	Main MCCB	18.0	18.1	18.1	-	-	-	16.9	17.1	16.9	-	-	-	Normal
26	6EP1	MCCB	19.1	19.3	19.4	-	-	-	18.7	18.8	19.0	-	-	-	Normal
27	6PB1	MCCB	19.2	19.0	18.9	-	-	-	19.0	19.0	18.9	-	-	-	Normal
28	5DB1	Main MCCB	22.3	22.0	22.1	-	-	-	20.9	20.9	20.9	-	-	-	Normal
29	5EP1	MCCB	-	-	-	23.5	22.3	29.9	-	-	-	23.1	21.5	27.9	Normal
30	5PB1	MCCB	-	-	-	22.7	22.0	26.7	-	-	-	22.7	21.9	26.8	Normal

			Thermoscan Report												Data-2
Location		อุปกรณ์	Before						After						Description
			L1	L2	L3	Avg	Min	Max	L1	L2	L3	Avg	Min	Max	
31	5UP1	Main MCCB	-	-	-	22.4	21.7	30.0	-	-	-	22.2	21.7	24.2	Normal
32	5ED1	Main MCCB	22.4	22.5	22.4	-	-	-	22.0	22.4	22.1	-	-	-	Normal
33	B5/1	Main MCCB	24.8	25.0	24.9	-	-	-	23.9	23.8	23.8	-	-	-	Normal
34	4EP2	MCCB	-	-	-	23.7	22.0	29.8	-	-	-	23.8	22.0	29.5	Normal
35	4EP1	Main MCCB	24.1	24.3	24.9	-	-	-	23.6	23.5	23.7	-	-	-	Normal
36	4PB1	Main MCCB	23.2	23.3	23.1	-	-	-	23.0	23.0	22.9	-	-	-	Normal
37	3UD1	Main MCCB	-	-	-	19.7	18.5	25.1	-	-	-	21.2	20.1	25.5	Normal
38	3ED1	Main MCCB	21.1	21.1	21.1	-	-	-	20.8	20.4	20.6	-	-	-	Normal
39	3EP2	MCCB	-	-	-	20.8	20.0	26.9	-	-	-	20.4	19.6	27.7	Normal
40	3EP1	MCCB	-	-	-	20.8	20.0	28.4	-	-	-	20.7	19.8	33.1	Normal
41	3PB1	Main MCCB	-	-	-	21.8	21.1	29.2	-	-	-	21.2	20.4	34.8	Normal
42	2DB1	Main MCCB	-	-	-	20.4	19.3	24.7	-	-	-	20.3	19.5	23.8	Normal
43	2UP1	Main MCCB	20.9	20.9	20.9	-	-	-	20.3	20.5	20.3	-	-	-	Normal
44	2PB3	MCCB	-	-	-	21.0	19.9	26.7	-	-	-	20.7	19.4	29.0	Normal
45	2EP1	Main MCCB	20.6	20.3	20.2	-	-	-	20.6	20.3	20.3	-	-	-	Normal
46	2PB1	MCCB	-	-	-	20.5	19.7	25.6	-	-	-	20.2	19.4	27.7	Normal
47	2PB2	MCCB	-	-	-	20.5	19.2	27.9	-	-	-	20.5	19.6	24.3	Normal
48	2EP2	Main MCCB	20.9	21.1	21.2	-	-	-	21.0	20.9	21.2	-	-	-	Normal
49	2PB3	MCCB	-	-	-	21.0	19.9	26.7	-	-	-	20.5	19.4	26.6	Normal
50	1DB1	Main MCCB	22.3	22.5	22.3	-	-	-	22.3	22.5	22.4	-	-	-	Normal
51	1LS1	Main MCCB	23.1	23.2	23.2	-	-	-	22.0	22.1	22.1	-	-	-	Normal
52	1LP1	MCCB	-	-	-	23.1	23.2	23.2	-	-	-	22.7	21.5	31.5	Normal
53	1PB1	MCCB	-	-	-	24.0	21.7	29.6	-	-	-	22.9	22.0	30.4	Normal
54	1PB3	MCCB	-	-	-	23.5	22.7	27.2	-	-	-	22.7	21.9	25.5	Normal
55	1PB2	MCCB	-	-	-	24.5	22.6	29.3	-	-	-	23.2	22.3	27.6	Normal
56	1EP1	MCCB	-	-	-	24.1	23.1	30.4	-	-	-	23.7	22.3	29.2	Normal
57	1UP1	Main MCCB	23.7	23.7	23.8	-	-	-	22.9	23.0	23.0	-	-	-	Normal
58	1EP2	MCCB	-	-	-	24.2	23.2	29.2	-	-	-	23.6	22.3	29.9	Normal
59	1EP3	Main MCCB	-	-	-	23.3	22.0	27.0	-	-	-	22.8	21.5	27.0	Normal

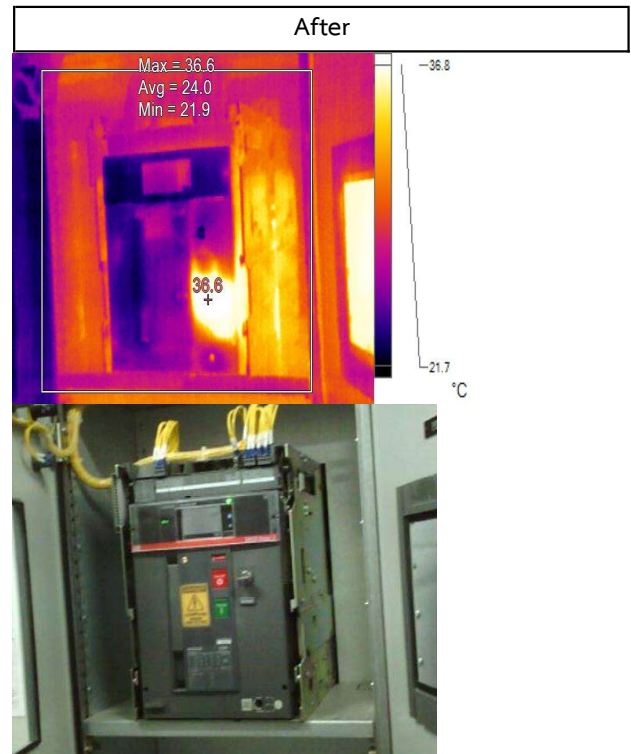
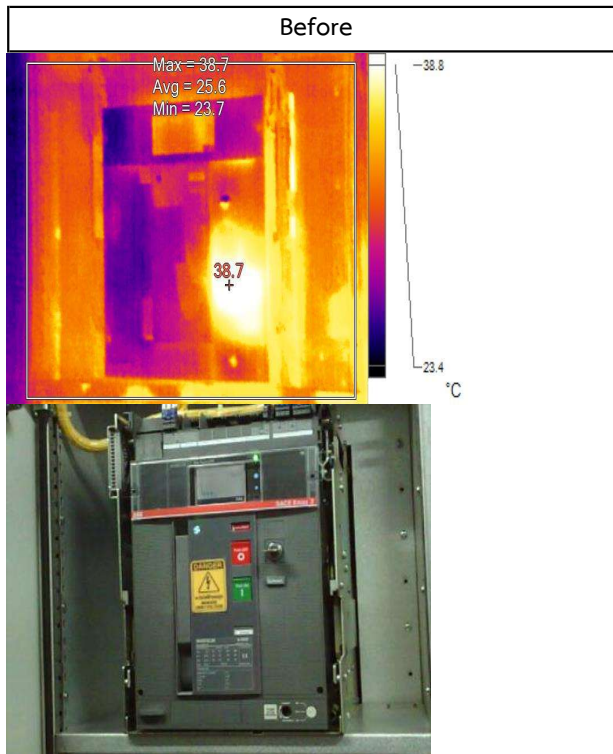


Thermoscan Report

P-01

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)
 Location : MDB1 (B)
 Before date : 28 เมษายน 2568
 Photographer : S.KITIPHAN
 Ambient temperature : 30.00 °C

Equipment name : ACB
 After date : 30 เมษายน 2568
 Photographer : S.KITIPHAN
 Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	25.60
	Min	23.70
	Max	38.70

List	Point	P1
Temperature of connection point	Avg	24.00
	Min	21.90
	Max	36.60

Description

Normal

Recommended

-



Thermoscan Report

P-02

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : CAP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

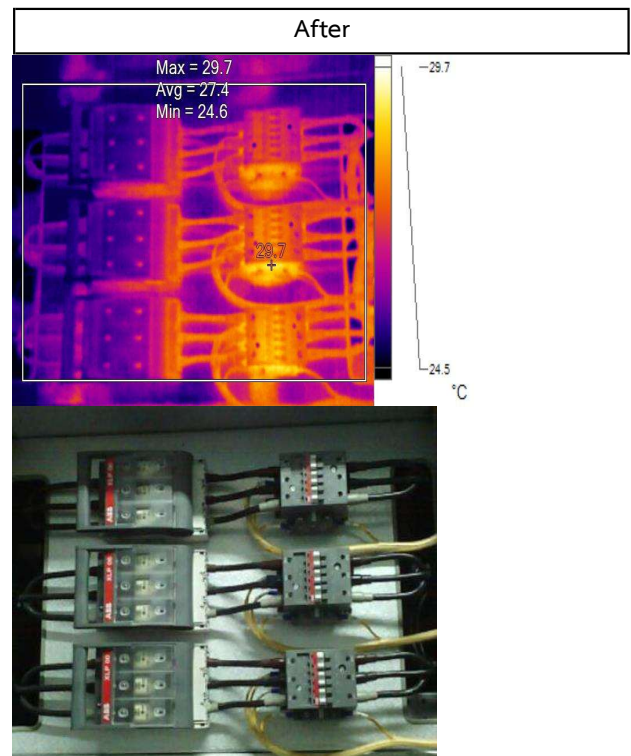
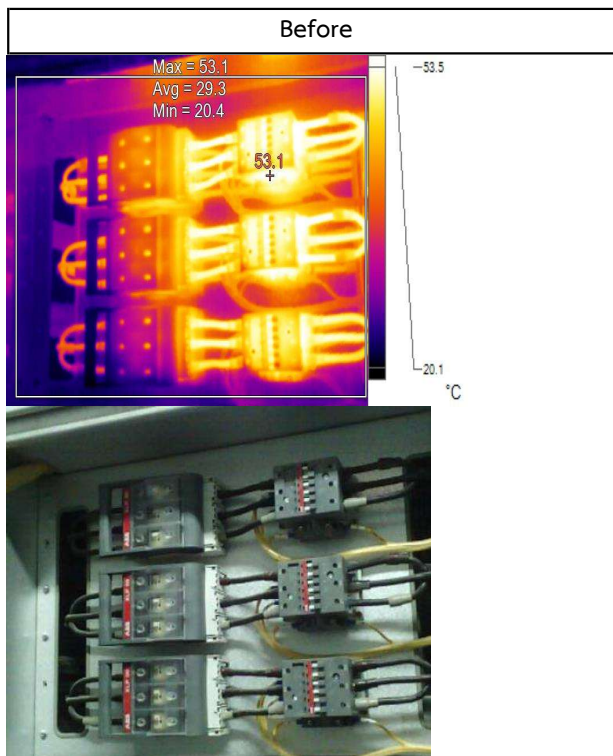
Ambient temperature : 30.00 °C

Equipment name : FUSE

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	29.30
	Min	20.40
	Max	53.10

List	Point	P1
Temperature of connection point	Avg	27.40
	Min	24.60
	Max	29.70

Description

Normal

Recommended

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Thermoscan Report

P-03

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : TIE

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

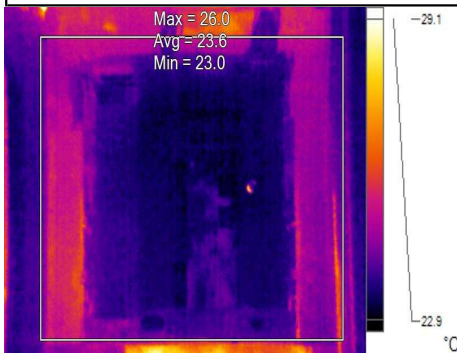
Equipment name : ACB

After date : 30 เมษายน 2568

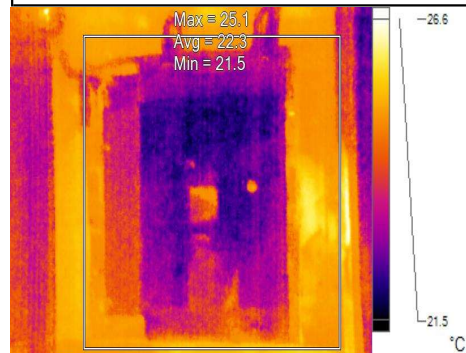
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	23.60
	Min	23.00
	Max	26.00

List	Point	P1
Temperature of connection point	Avg	22.30
	Min	21.50
	Max	25.10

Description

Normal

Recommended

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Thermoscan Report

P-04

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : MDB2 (B)

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

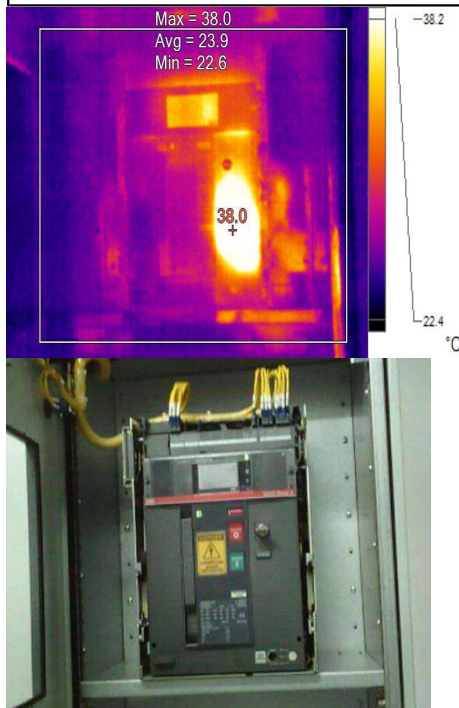
Equipment name : ACB

After date : 30 เมษายน 2568

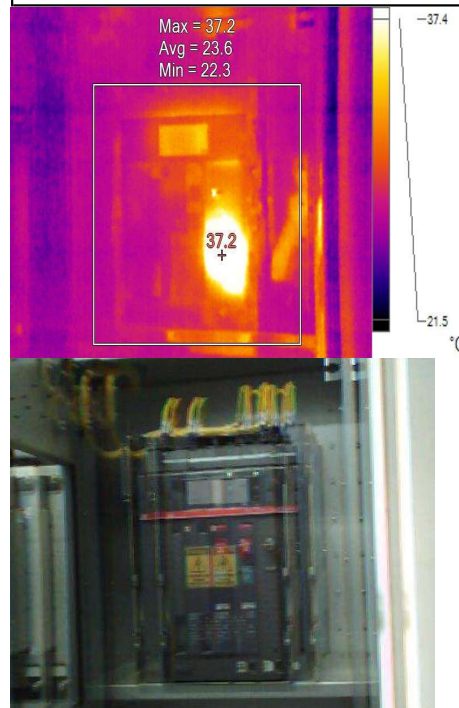
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	23.90
	Min	22.60
	Max	38.00

List	Point	P1
Temperature of connection point	Avg	23.60
	Min	22.30
	Max	37.20

Description

Normal

Recommended

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Thermoscan Report

P-05

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : CAP2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

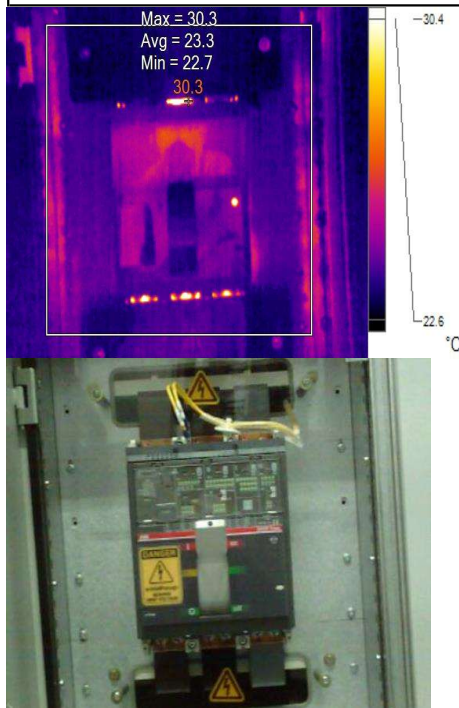
Equipment name : Main MCCB

After date : 30 เมษายน 2568

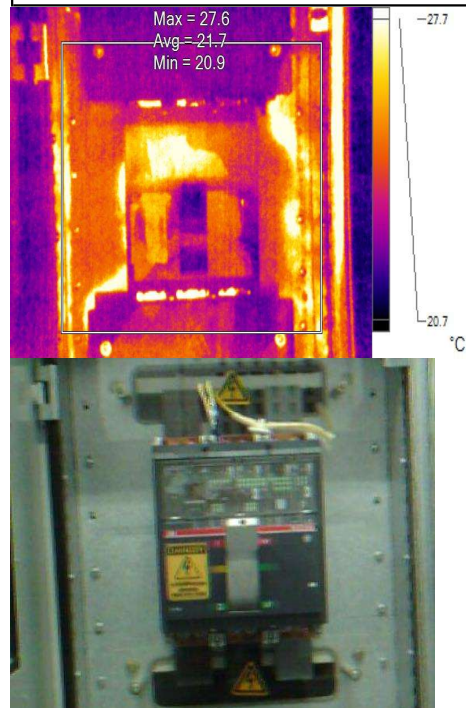
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	23.30
	Min	22.70
	Max	30.30

List	Point	P1
Temperature of connection point	Avg	21.70
	Min	20.90
	Max	27.60

Description

Normal

Recommended

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Thermoscan Report

P-06

Company : โรงพยาบาลสิริเวชภัณฑ์ (ตึกB)

Location : CAP2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

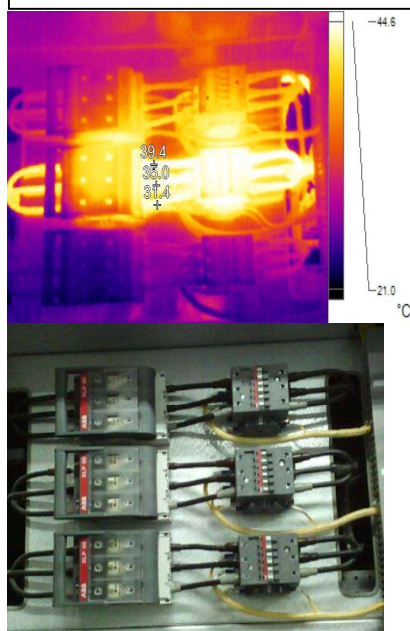
Equipment name : FUSE

After date : 30 เมษายน 2568

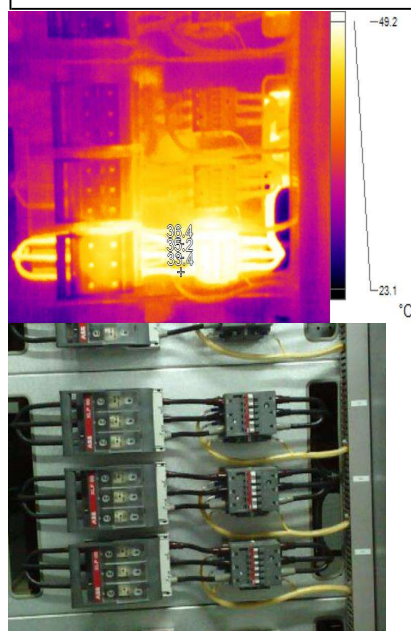
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	39.40
	L2	35.00
	L3	31.40
Temperature between phase. (< 15 C)	L 1-2	4.40
	L 2-3	3.60
	L 3-1	8.00
Difference ambient and phase (< 40 C)	L1	9.40
	L2	5.00
	L3	1.40

List	Point	P1
Temperature of connection point	L1	36.40
	L2	35.20
	L3	33.40
Temperature between phase. (< 15 C)	L 1-2	1.20
	L 2-3	1.80
	L 3-1	3.00
Difference ambient and phase. (< 40 C)	L1	6.40
	L2	5.20
	L3	3.40

Description

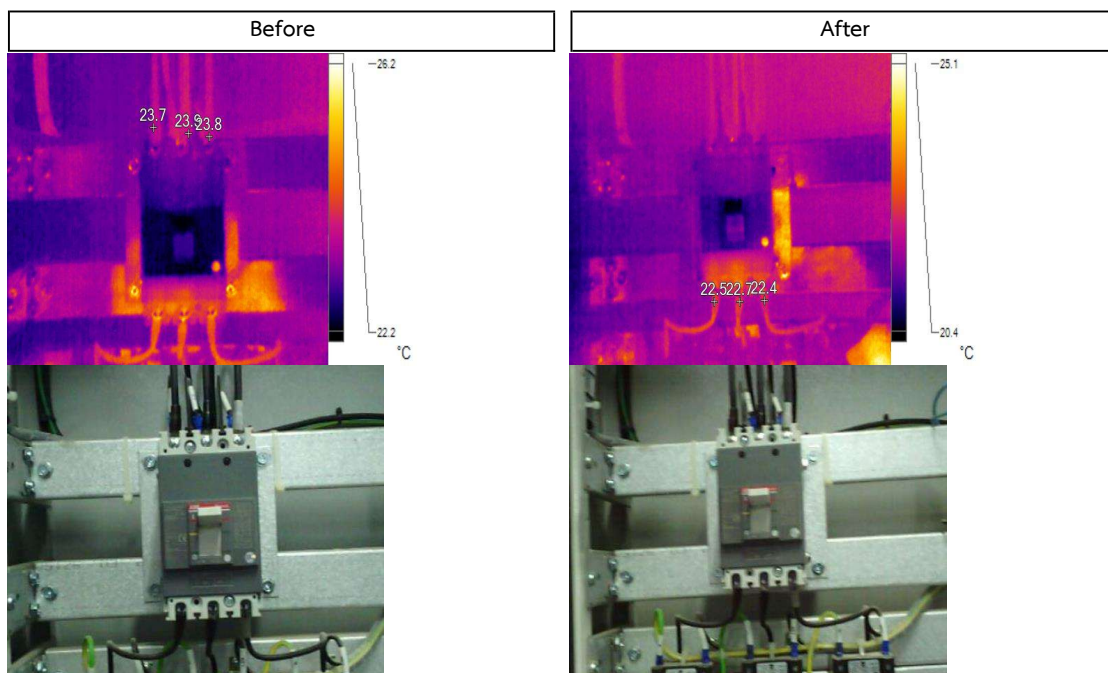
Normal

Recommended

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	Thermoscan Report	P-07
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 1EAP-03	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	23.70	Temperature of connection point	L1	22.50
	L2	23.90		L2	22.70
	L3	23.80		L3	22.40
Temperature between phase. (< 15 C)	L 1-2	-0.20	Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	0.10		L 2-3	0.30
	L 3-1	-0.10		L 3-1	0.10
Difference ambient and phase (< 40 C)	L1	-6.30	Difference ambient and phase. (< 40 C)	L1	-7.50
	L2	-6.10		L2	-7.30
	L3	-6.20		L3	-7.60

Description

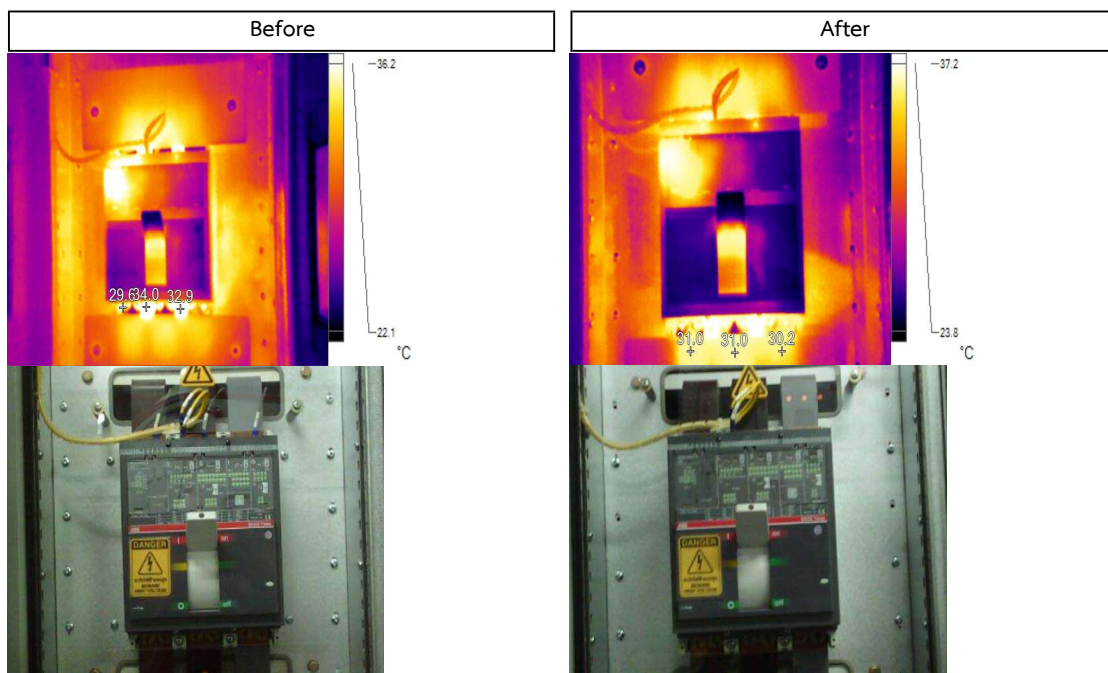
Normal

Recommended

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	Thermoscan Report	P-08
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: EMDB1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	29.60	Temperature of connection point	L1	31.00
	L2	34.00		L2	31.00
	L3	32.90		L3	30.20
Temperature between phase. (< 15 C)	L 1-2	-4.40	Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	1.10		L 2-3	0.80
	L 3-1	-3.30		L 3-1	0.80
Difference ambient and phase (< 40 C)	L1	-0.40	Difference ambient and phase. (< 40 C)	L1	1.00
	L2	4.00		L2	1.00
	L3	2.90		L3	0.20

Description

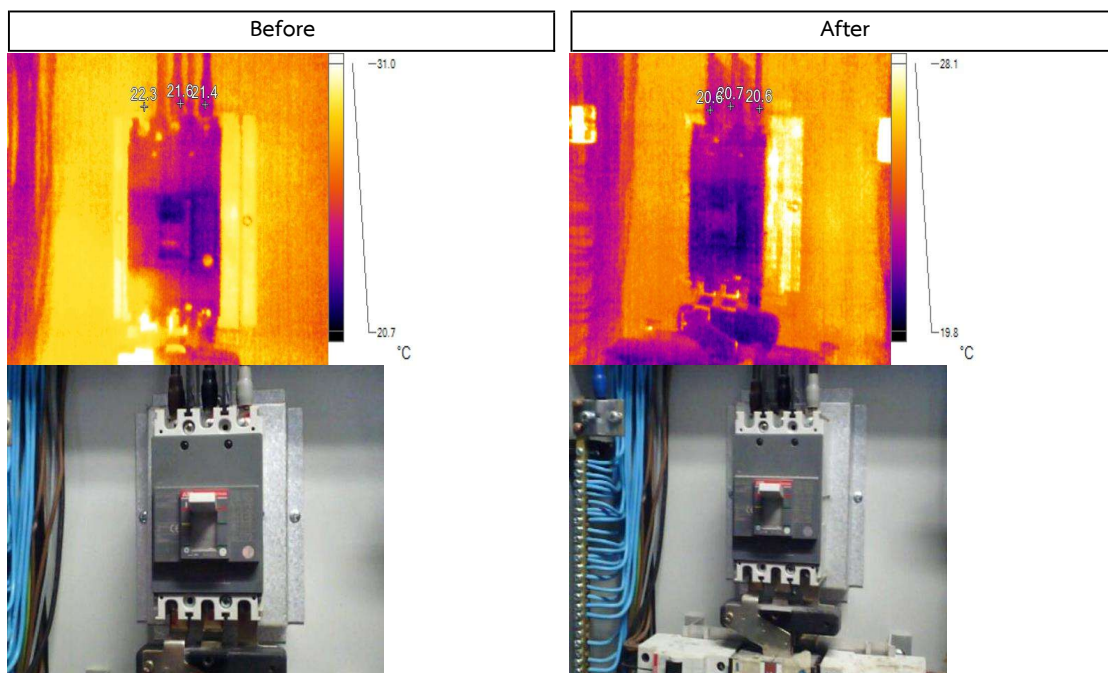
Normal

Recommended

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	Thermoscan Report	P-09
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 10EP1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	21.40	Temperature of connection point	L1	20.60
	L2	21.60		L2	20.70
	L3	22.30		L3	20.60
Temperature between phase. (< 15 C)	L 1-2	-0.20	Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	-0.70		L 2-3	0.10
	L 3-1	-0.90		L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-8.60	Difference ambient and phase. (< 40 C)	L1	-9.40
	L2	-8.40		L2	-9.30
	L3	-7.70		L3	-9.40

Description

Normal

Recommended

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Thermoscan Report

P-10

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 10PB2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

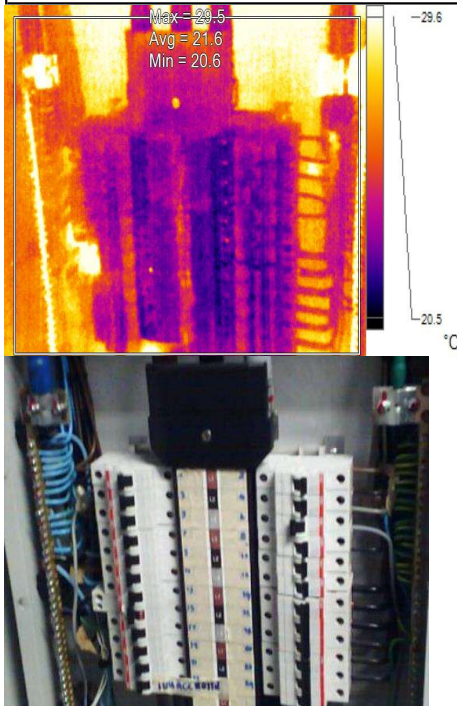
Equipment name : MCCB

After date : 30 เมษายน 2568

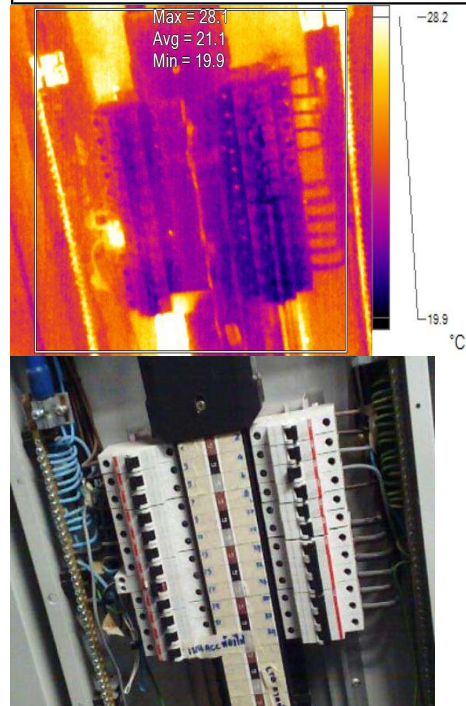
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	21.60
	Min	20.60
	Max	29.50

List	Point	P1
Temperature of connection point	Avg	21.10
	Min	19.90
	Max	28.10

Description

Normal

Recommended

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Thermoscan Report

P-11

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 10DB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

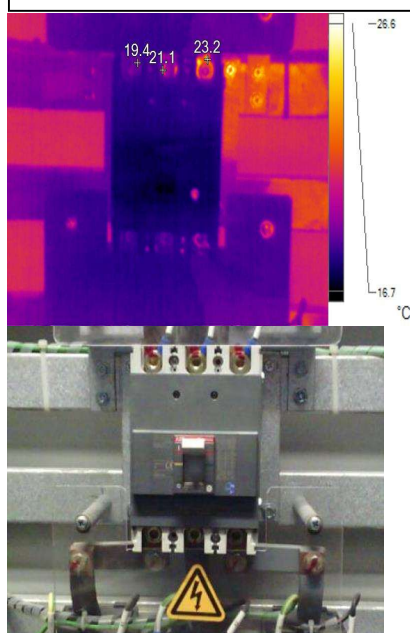
Equipment name : Main MCCB

After date : 30 เมษายน 2568

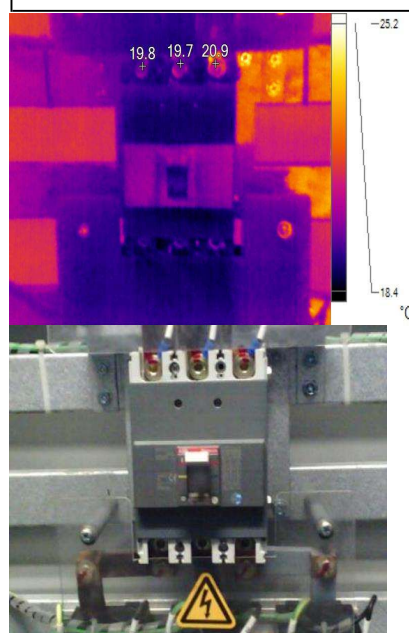
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	23.20
	L2	21.10
	L3	19.40
Temperature between phase. (< 15 C)	L 1-2	2.10
	L 2-3	1.70
	L 3-1	3.80
Difference ambient and phase (< 40 C)	L1	-6.80
	L2	-8.90
	L3	-10.60

List	Point	P1
Temperature of connection point	L1	19.80
	L2	19.70
	L3	20.90
Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	-1.20
	L 3-1	-1.10
Difference ambient and phase. (< 40 C)	L1	-10.20
	L2	-10.30
	L3	-9.10

Description

Normal

Recommended

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Thermoscan Report

P-12

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 9DB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

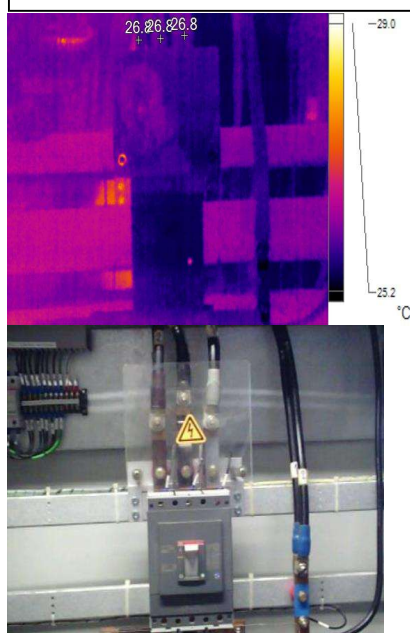
Equipment name : Main MCCB

After date : 30 เมษายน 2568

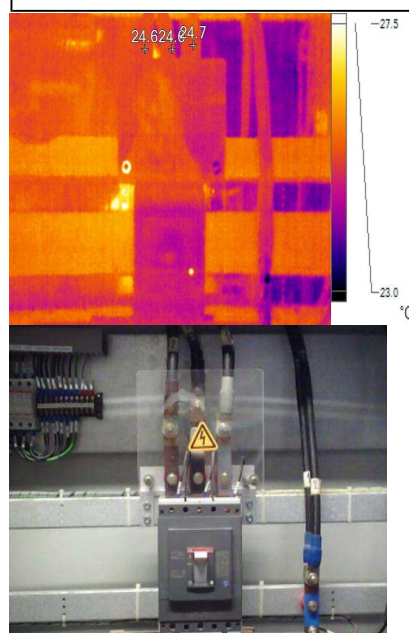
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	26.80
	L2	26.80
	L3	26.80
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.00
	L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-3.20
	L2	-3.20
	L3	-3.20

List	Point	P1
Temperature of connection point	L1	24.60
	L2	24.60
	L3	24.70
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	-0.10
	L 3-1	-0.10
Difference ambient and phase. (< 40 C)	L1	-5.40
	L2	-5.40
	L3	-5.30

Description

Normal

Recommended

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Thermoscan Report

P-13

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 9EP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

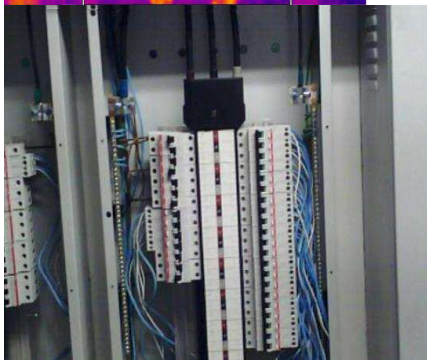
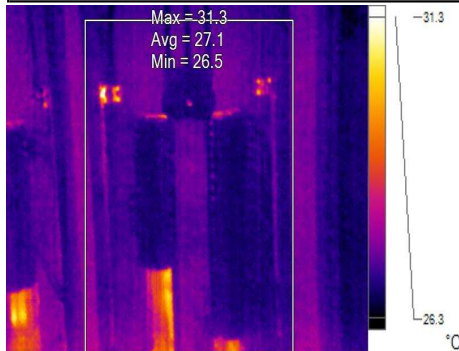
Equipment name : MCCB

After date : 30 เมษายน 2568

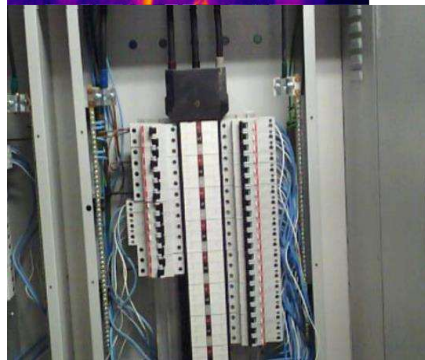
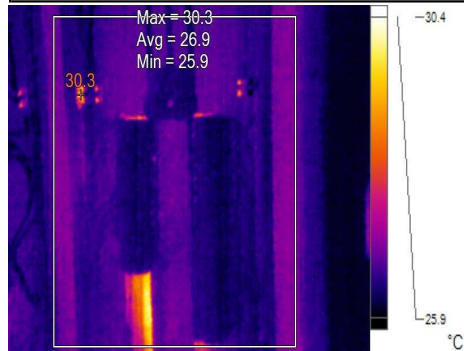
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	27.10
	Min	26.50
	Max	31.30

List	Point	P1
Temperature of connection point	Avg	26.90
	Min	25.90
	Max	30.30

Description

Normal

Recommended

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Thermoscan Report

P-14

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 9PB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

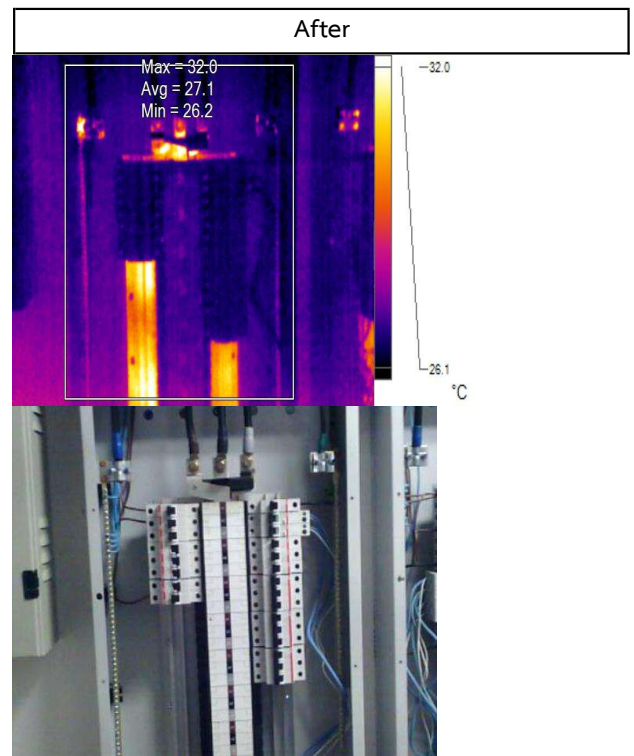
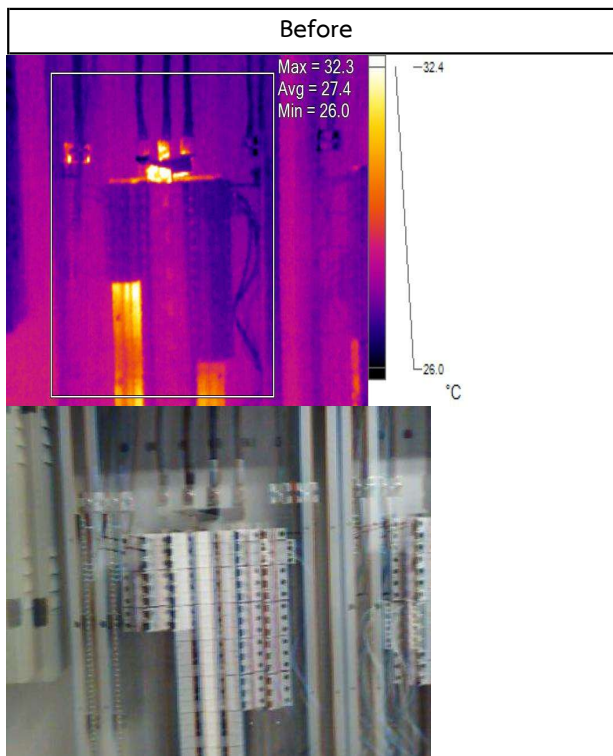
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	27.40
	Min	26.00
	Max	32.30

List	Point	P1
Temperature of connection point	Avg	27.10
	Min	26.20
	Max	32.00

Description

Normal

Recommended

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Thermoscan Report

P-15

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 8DB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

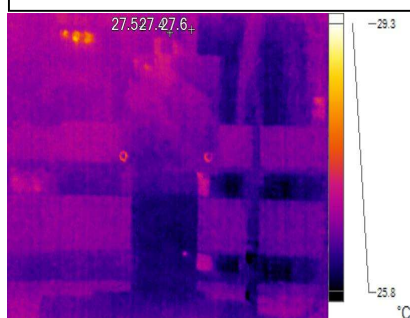
Equipment name : Main MCCB

After date : 30 เมษายน 2568

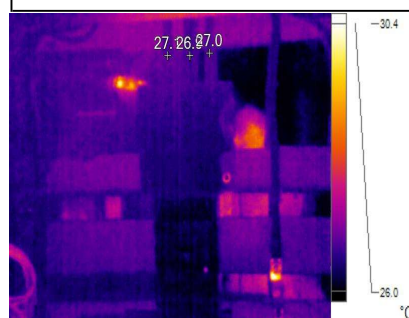
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	27.50
	L2	27.40
	L3	27.60
Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	-0.20
	L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	-2.50
	L2	-2.60
	L3	-2.40

List	Point	P1
Temperature of connection point	L1	27.10
	L2	26.90
	L3	27.00
Temperature between phase. (< 15 C)	L 1-2	0.20
	L 2-3	-0.10
	L 3-1	0.10
Difference ambient and phase. (< 40 C)	L1	-2.90
	L2	-3.10
	L3	-3.00

Description

Normal

Recommended

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Thermoscan Report

P-16

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 8EP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

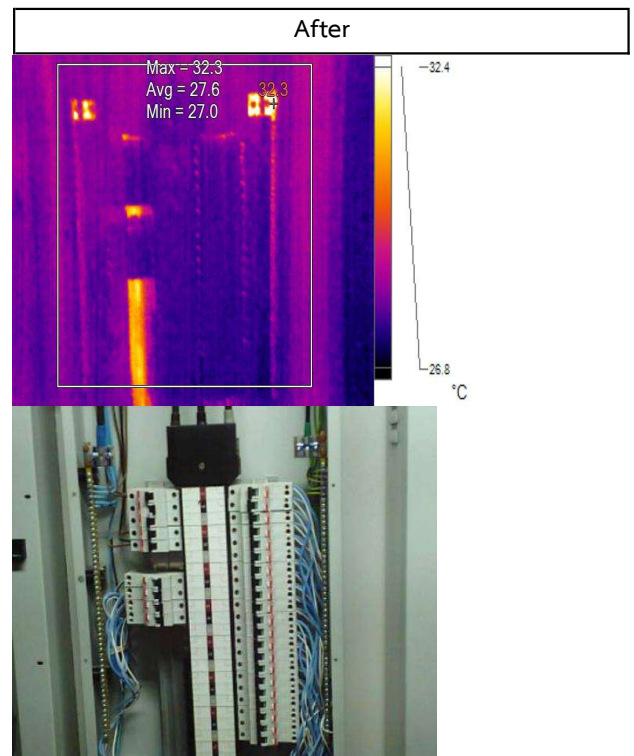
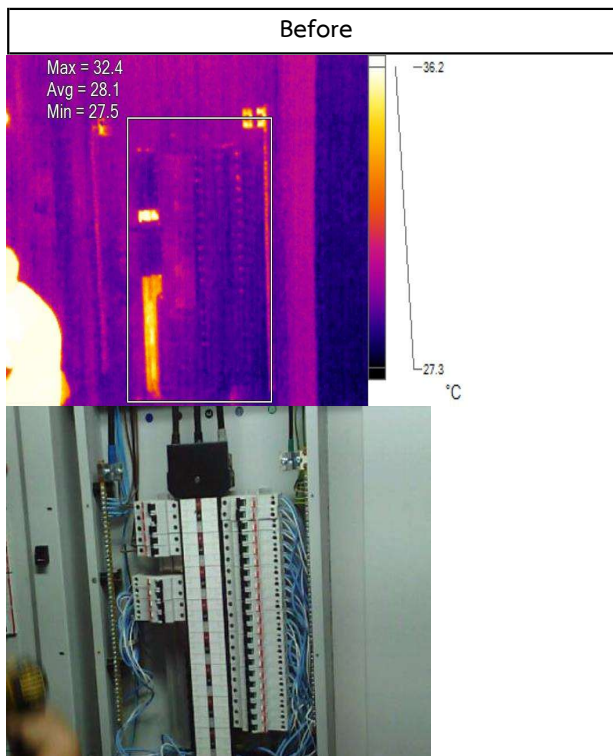
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	28.10
	Min	27.50
	Max	32.40

List	Point	P1
Temperature of connection point	Avg	27.60
	Min	27.00
	Max	32.30

Description

Normal

Recommended

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Thermoscan Report

P-17

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 8PB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

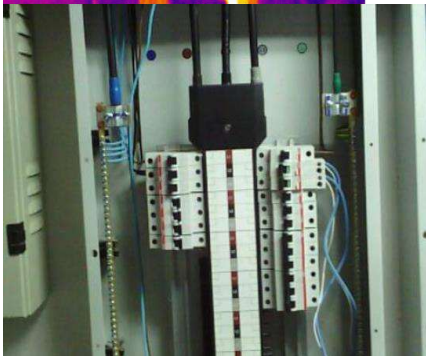
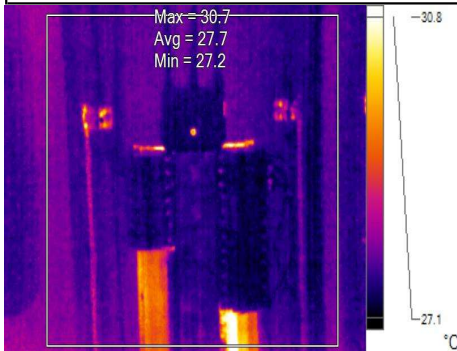
Equipment name : MCCB

After date : 30 เมษายน 2568

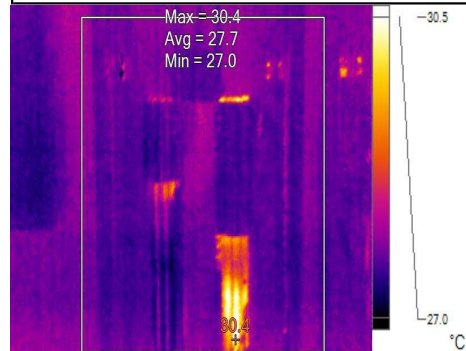
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	27.70
	Min	27.20
	Max	30.70

List	Point	P1
Temperature of connection point	Avg	27.70
	Min	27.00
	Max	30.40

Description

Normal

Recommended

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Thermoscan Report

P-18

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 8ED1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

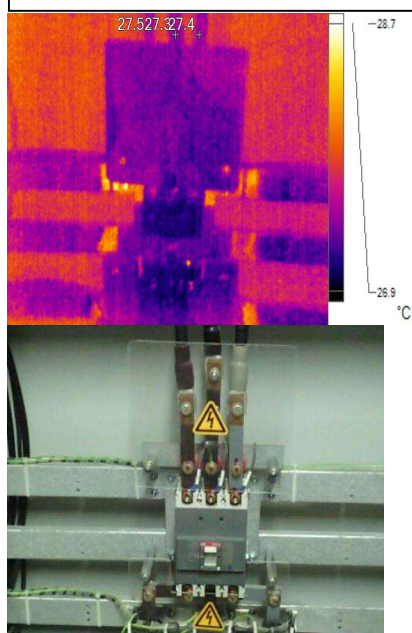
Equipment name : Main MCCB

After date : 30 เมษายน 2568

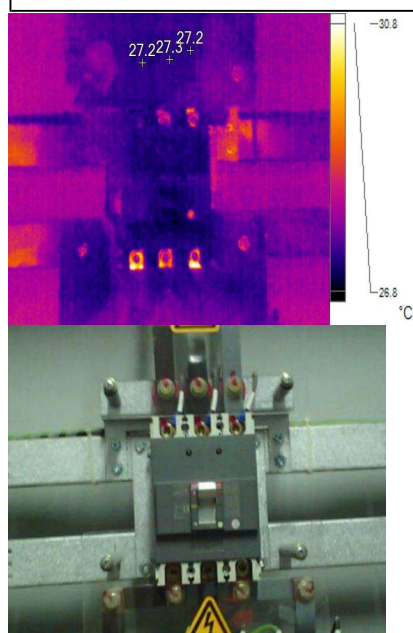
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	27.50
	L2	27.30
	L3	27.40
Temperature between phase. (< 15 C)	L 1-2	0.20
	L 2-3	-0.10
	L 3-1	0.10
Difference ambient and phase (< 40 C)	L1	-2.50
	L2	-2.70
	L3	-2.60

List	Point	P1
Temperature of connection point	L1	27.20
	L2	27.30
	L3	27.20
Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	0.10
	L 3-1	0.00
Difference ambient and phase. (< 40 C)	L1	-2.80
	L2	-2.70
	L3	-2.80

Description

Normal

Recommended

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Thermoscan Report

P-19

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : RFEL-01

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

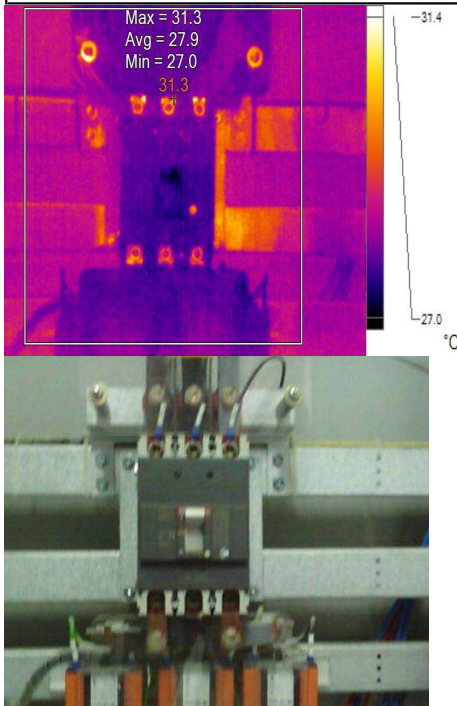
Equipment name : Main MCCB

After date : 30 เมษายน 2568

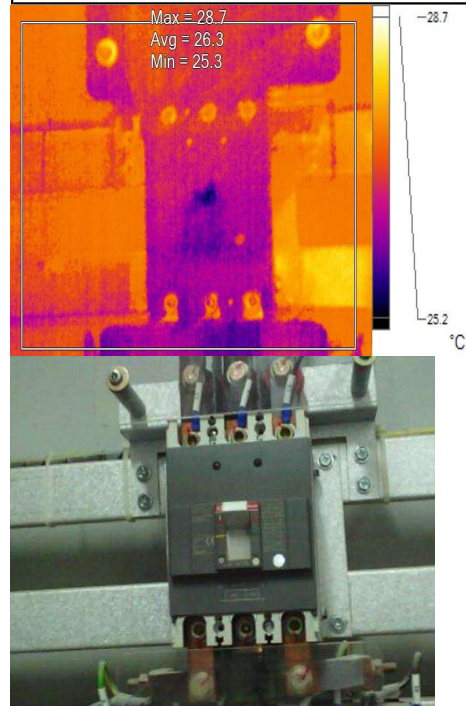
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	27.90
	Min	27.00
	Max	31.30

List	Point	P1
Temperature of connection point	Avg	26.30
	Min	25.30
	Max	28.70

Description

Normal

Recommended

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Thermoscan Report

P-20

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : RFEAP-07

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

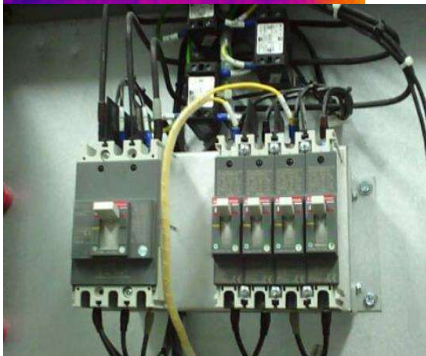
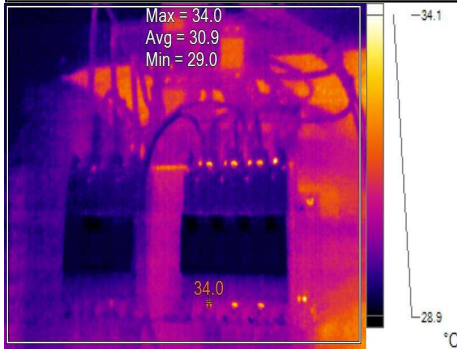
Equipment name : Main MCCB

After date : 30 เมษายน 2568

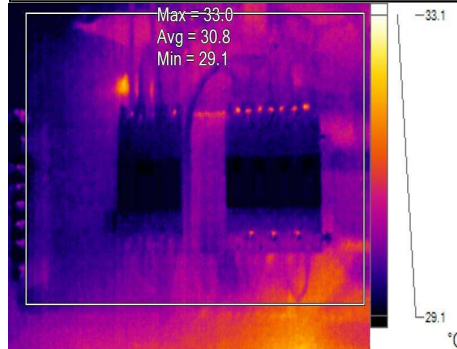
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	30.90
	Min	29.00
	Max	34.00

List	Point	P1
Temperature of connection point	Avg	30.80
	Min	29.10
	Max	33.00

Description

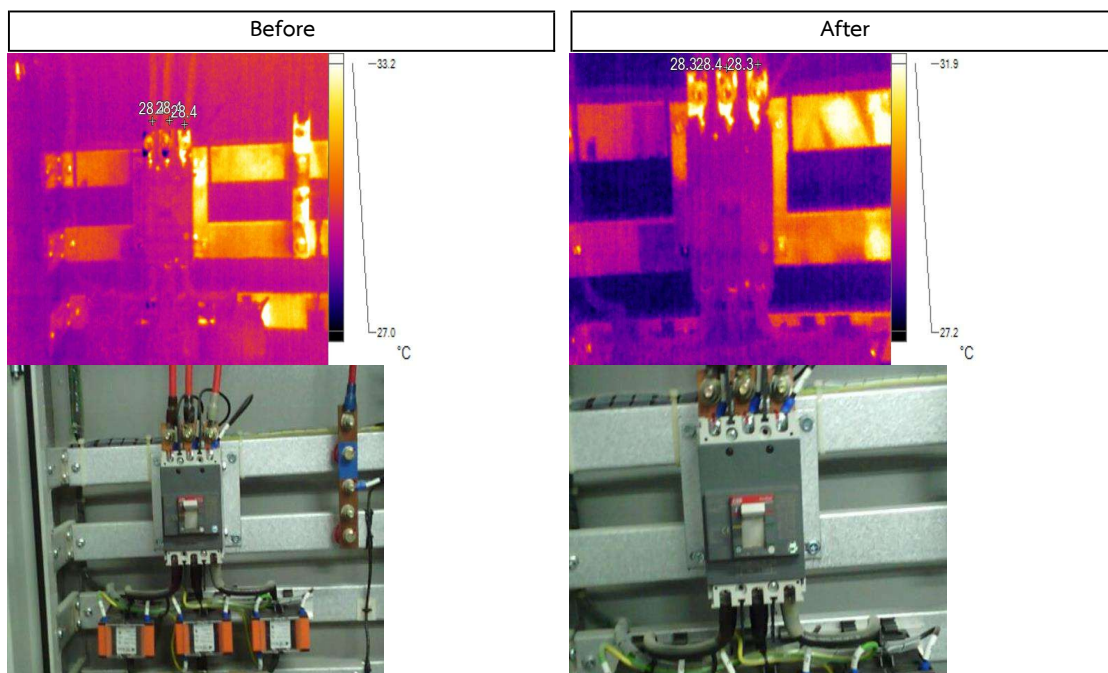
Normal

Recommended

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	Thermoscan Report	P-21
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: RFEL-02	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	28.40	Temperature of connection point	L1	28.30
	L2	28.40		L2	28.40
	L3	28.40		L3	28.30
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	0.00		L 2-3	0.10
	L 3-1	0.00		L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-1.60	Difference ambient and phase. (< 40 C)	L1	-1.70
	L2	-1.60		L2	-1.60
	L3	-1.60		L3	-1.70

Description

Normal

Recommended

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Thermoscan Report

P-22

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 7DB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

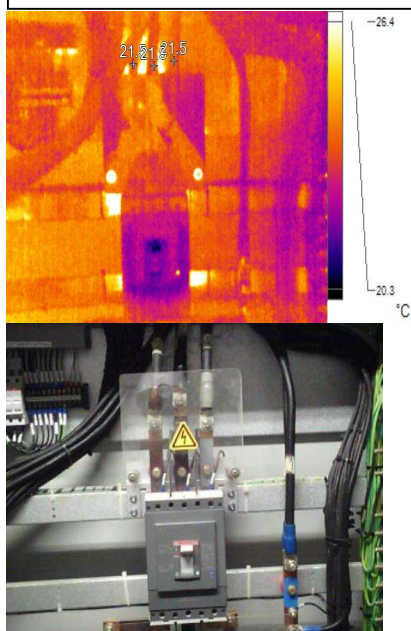
Equipment name : Main MCCB

After date : 30 เมษายน 2568

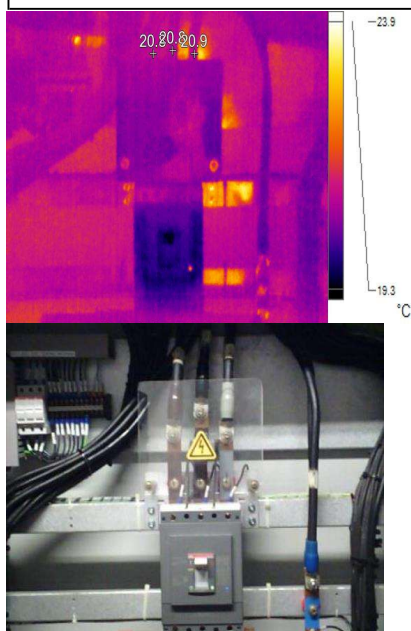
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	21.50
	L2	21.50
	L3	21.50
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.00
	L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-8.50
	L2	-8.50
	L3	-8.50

List	Point	P1
Temperature of connection point	L1	20.80
	L2	20.80
	L3	20.90
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	-0.10
	L 3-1	-0.10
Difference ambient and phase. (< 40 C)	L1	-9.20
	L2	-9.20
	L3	-9.10

Description

Normal

Recommended

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Thermoscan Report

P-23

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 7EP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

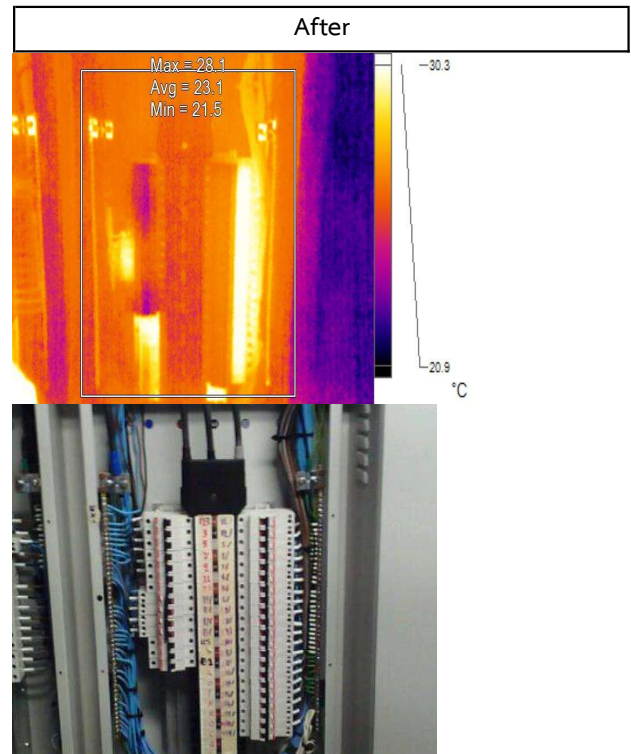
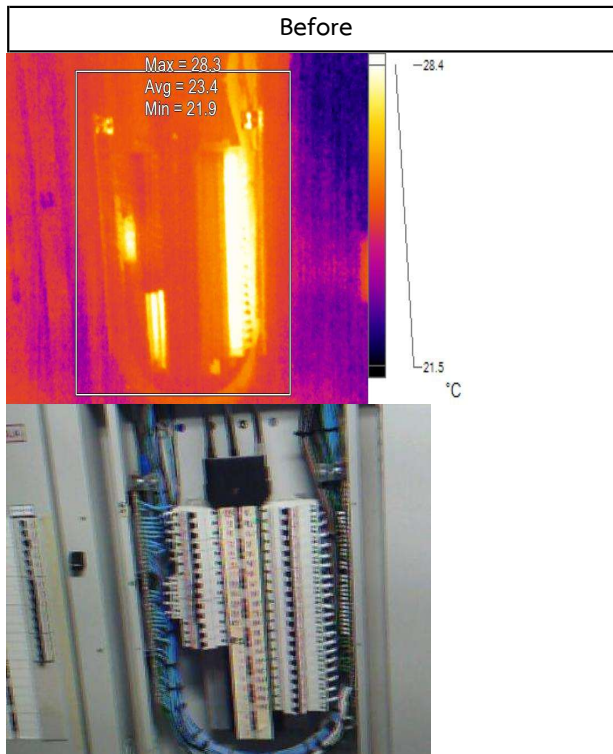
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	23.40
	Min	21.90
	Max	28.30

List	Point	P1
Temperature of connection point	Avg	23.10
	Min	21.50
	Max	28.10

Description

Normal

Recommended

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Thermoscan Report

P-24

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 7PB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

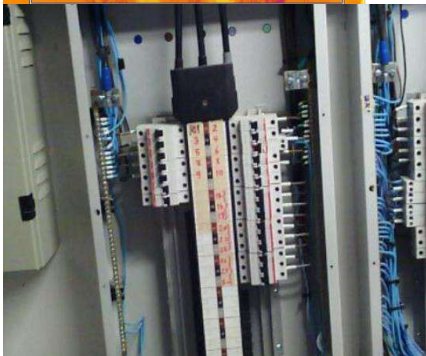
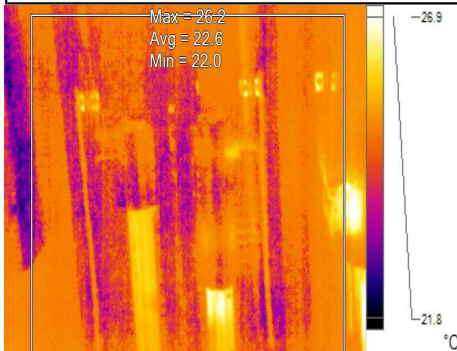
Equipment name : MCCB

After date : 30 เมษายน 2568

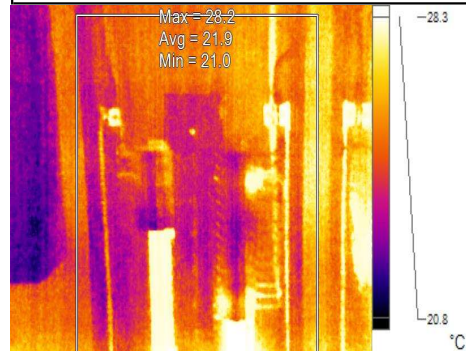
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	22.60
	Min	22.00
	Max	26.20

List	Point	P1
Temperature of connection point	Avg	21.90
	Min	21.00
	Max	28.20

Description

Normal

Recommended

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Thermoscan Report

P-25

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 6DB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

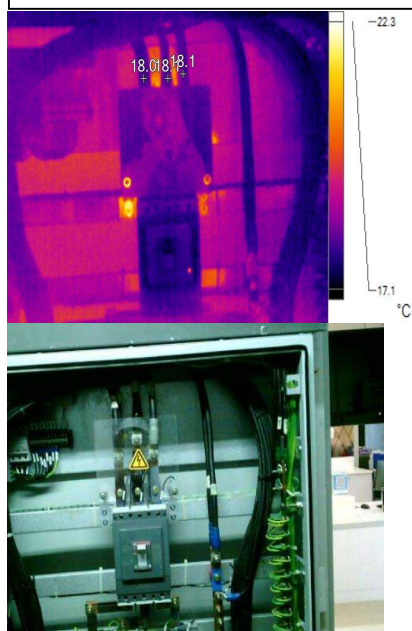
Equipment name : Main MCCB

After date : 30 เมษายน 2568

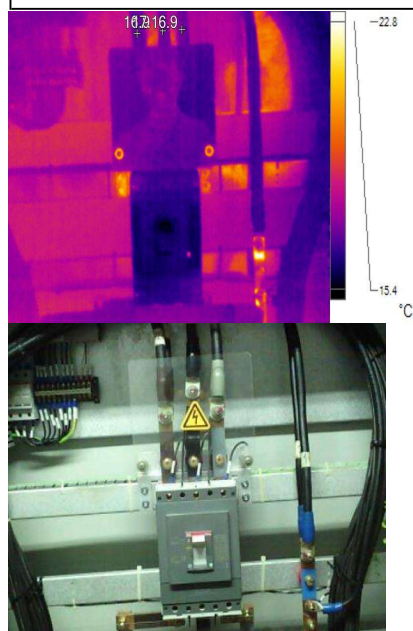
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	18.00
	L2	18.10
	L3	18.10
Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	0.00
	L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	-12.00
	L2	-11.90
	L3	-11.90

List	Point	P1
Temperature of connection point	L1	16.90
	L2	17.10
	L3	16.90
Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	0.20
	L 3-1	0.00
Difference ambient and phase. (< 40 C)	L1	-13.10
	L2	-12.90
	L3	-13.10

Description

Normal

Recommended

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Thermoscan Report

P-26

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 6EP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

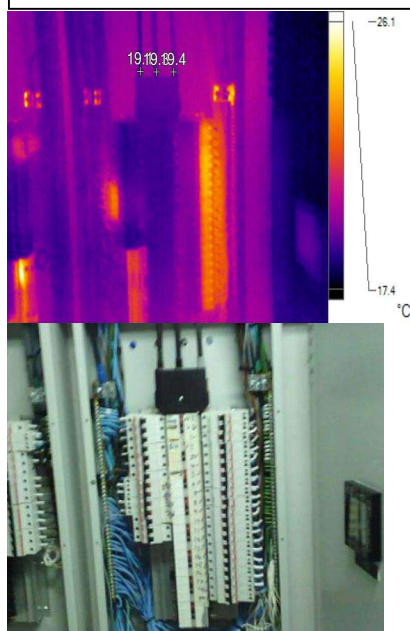
Equipment name : MCCB

After date : 30 เมษายน 2568

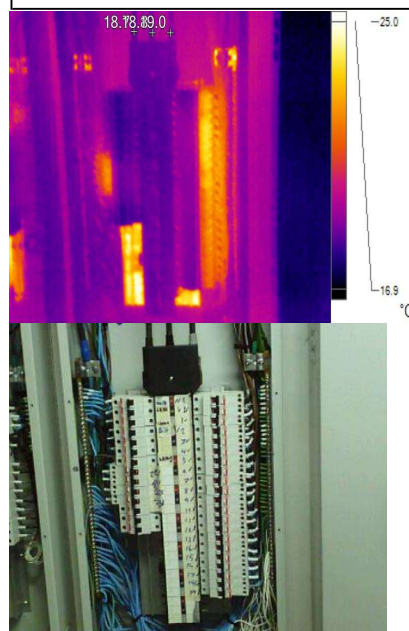
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	19.10
	L2	19.30
	L3	19.40
Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	-0.10
	L 3-1	-0.30
Difference ambient and phase (< 40 C)	L1	-10.90
	L2	-10.70
	L3	-10.60

List	Point	P1
Temperature of connection point	L1	18.70
	L2	18.80
	L3	19.00
Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	-0.20
	L 3-1	-0.30
Difference ambient and phase. (< 40 C)	L1	-11.30
	L2	-11.20
	L3	-11.00

Description

Normal

Recommended

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Thermoscan Report

P-27

Company : โรงพยาบาลสิริเวชภัณฑ์ (ตึกB)

Location : 6PB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

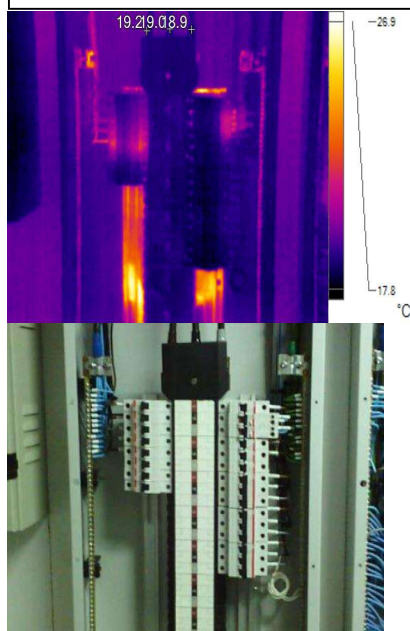
Equipment name : MCCB

After date : 30 เมษายน 2568

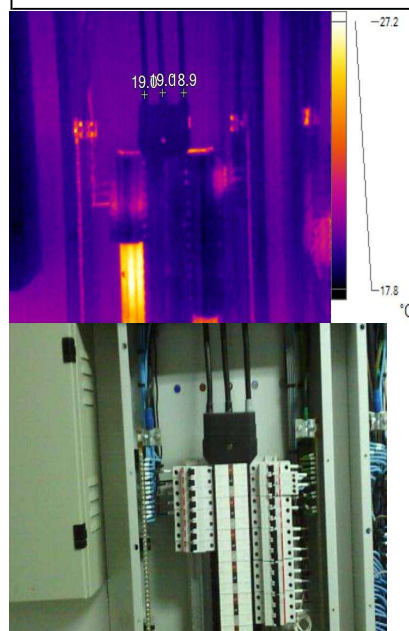
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	19.20
	L2	19.00
	L3	18.90
Temperature between phase. (< 15 C)	L 1-2	0.20
	L 2-3	0.10
	L 3-1	0.30
Difference ambient and phase (< 40 C)	L1	-10.80
	L2	-11.00
	L3	-11.10

List	Point	P1
Temperature of connection point	L1	19.00
	L2	19.00
	L3	18.90
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.10
	L 3-1	0.10
Difference ambient and phase. (< 40 C)	L1	-11.00
	L2	-11.00
	L3	-11.10

Description

Normal

Recommended

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Thermoscan Report

P-28

Company : โรงพยาบาลสิริเวชภัณฑ์ (ตึกB)

Location : 5DB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

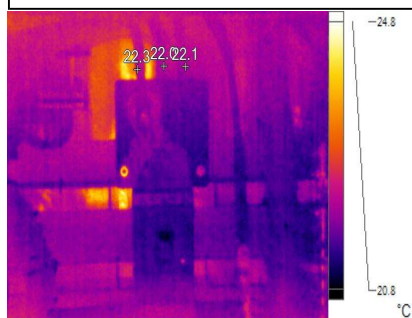
Equipment name : Main MCCB

After date : 30 เมษายน 2568

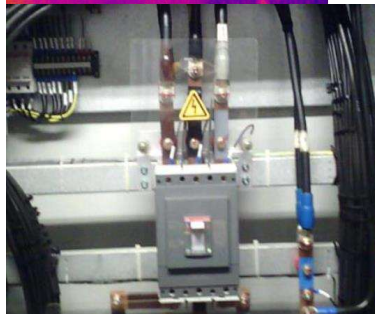
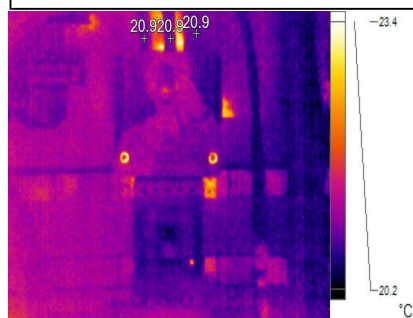
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	22.30
	L2	22.00
	L3	22.10
Temperature between phase. (< 15 C)	L 1-2	0.30
	L 2-3	-0.10
	L 3-1	0.20
Difference ambient and phase (< 40 C)	L1	-7.70
	L2	-8.00
	L3	-7.90

List	Point	P1
Temperature of connection point	L1	20.90
	L2	20.90
	L3	20.90
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.00
	L 3-1	0.00
Difference ambient and phase. (< 40 C)	L1	-9.10
	L2	-9.10
	L3	-9.10

Description

Normal

Recommended

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Thermoscan Report

P-29

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 5EP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

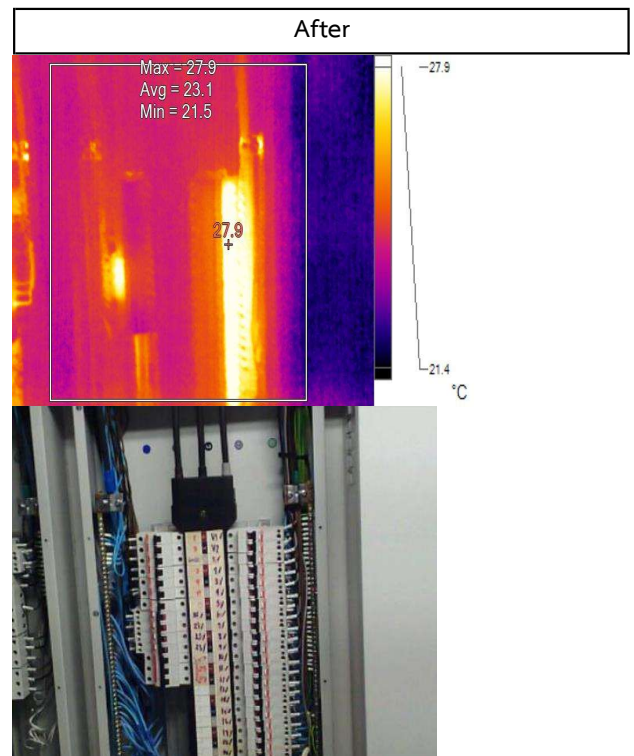
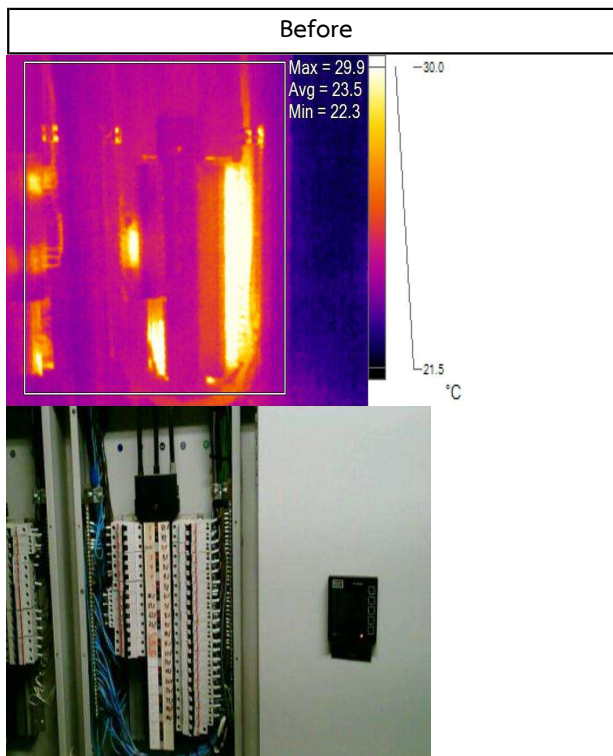
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	23.50
	Min	22.30
	Max	29.90

List	Point	P1
Temperature of connection point	Avg	23.10
	Min	21.50
	Max	27.90

Description

Normal

Recommended

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Thermoscan Report

P-30

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 5PB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

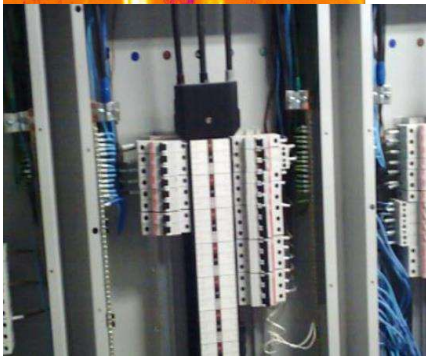
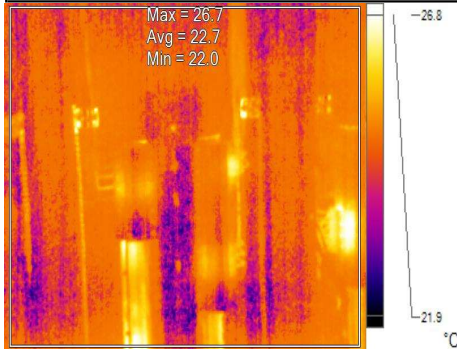
Equipment name : MCCB

After date : 30 เมษายน 2568

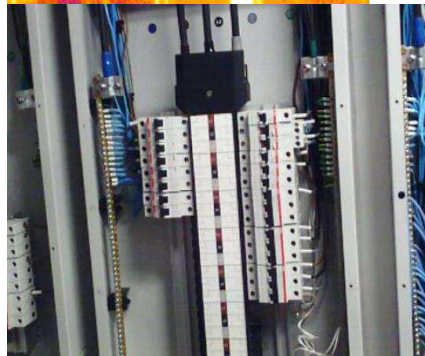
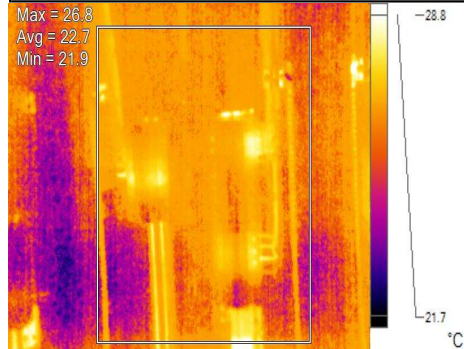
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	22.70
	Min	22.00
	Max	26.70

List	Point	P1
Temperature of connection point	Avg	22.70
	Min	21.90
	Max	26.80

Description

Normal

Recommended

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Thermoscan Report

P-31

Company : โรงพยาบาลสิริเวจันท์บุรี (ตึกB)

Location : 5UP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

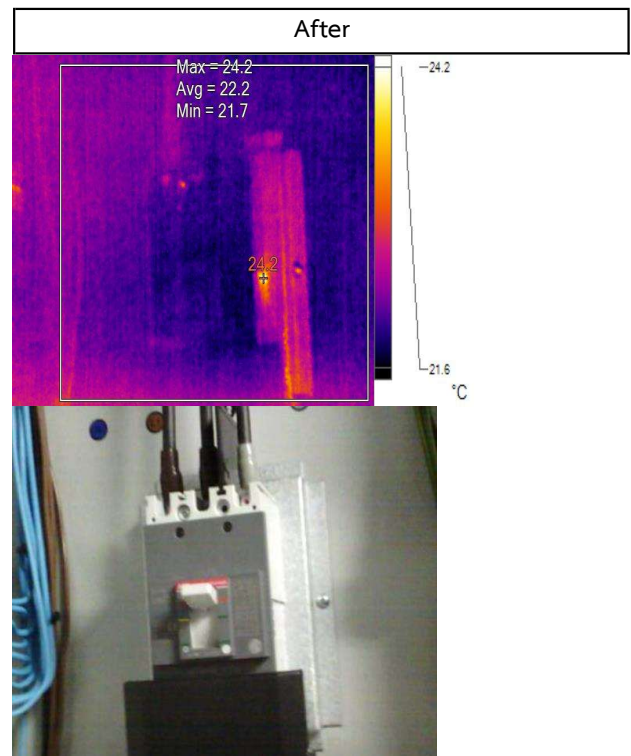
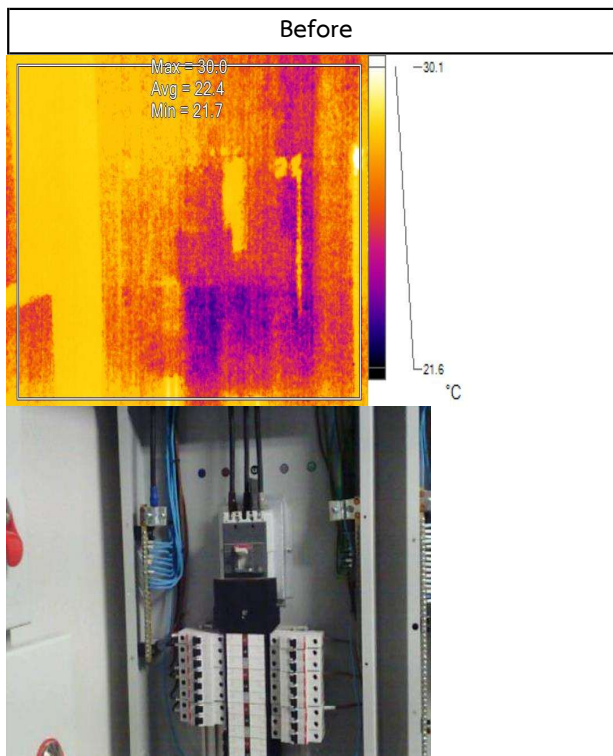
Ambient temperature : 30.00 °C

Equipment name : Main MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	22.40
	Min	21.70
	Max	30.00

List	Point	P1
Temperature of connection point	Avg	22.20
	Min	21.70
	Max	24.20

Description

Normal

Recommended

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Thermoscan Report

P-32

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 5ED1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

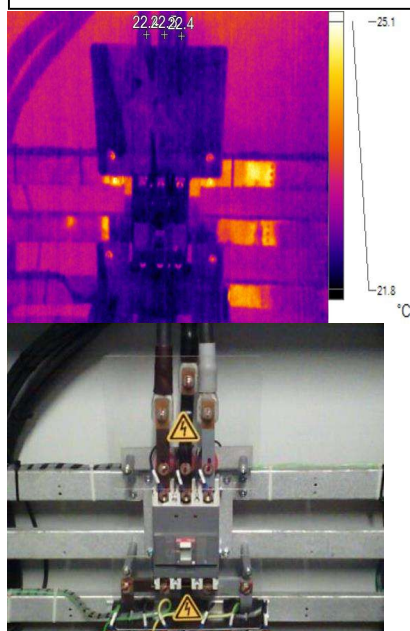
Equipment name : Main MCCB

After date : 30 เมษายน 2568

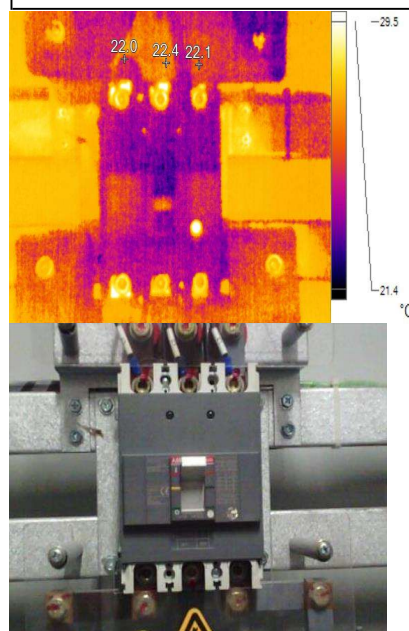
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	22.40
	L2	22.50
	L3	22.40
Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	0.10
	L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-7.60
	L2	-7.50
	L3	-7.60

List	Point	P1
Temperature of connection point	L1	22.00
	L2	22.40
	L3	22.10
Temperature between phase. (< 15 C)	L 1-2	-0.40
	L 2-3	0.30
	L 3-1	-0.10
Difference ambient and phase. (< 40 C)	L1	-8.00
	L2	-7.60
	L3	-7.90

Description

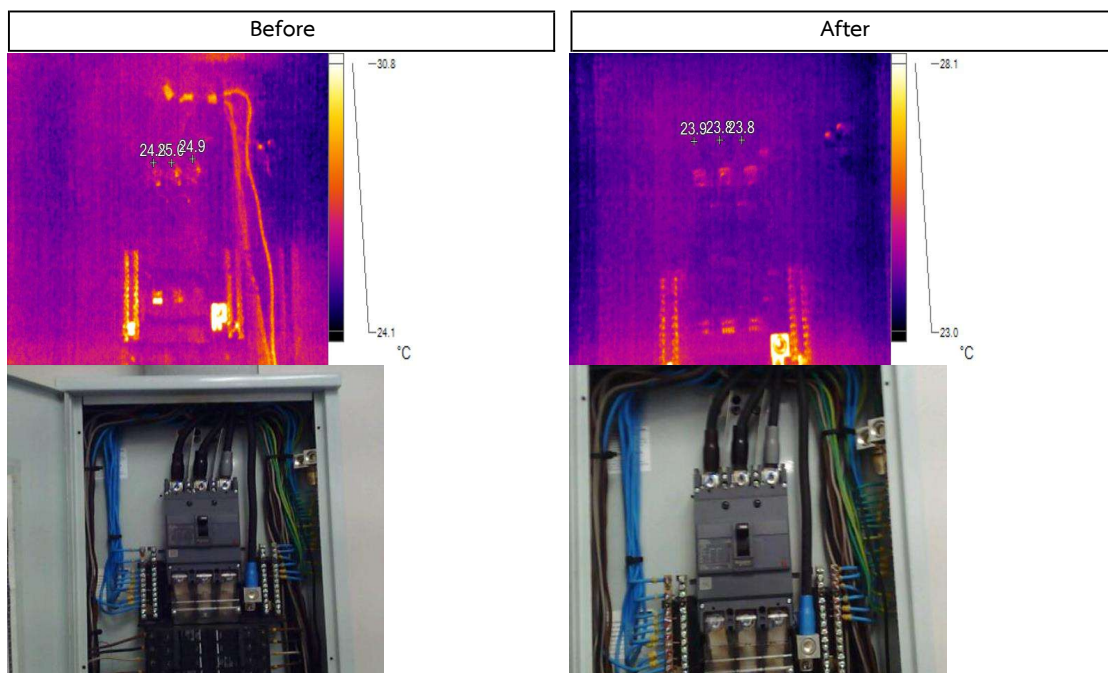
Normal

Recommended

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	Thermoscan Report	P-33
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: B5/1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	24.80	Temperature of connection point	L1	23.90
	L2	25.00		L2	23.80
	L3	24.90		L3	23.80
Temperature between phase. (< 15 C)	L 1-2	-0.20	Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	0.10		L 2-3	0.00
	L 3-1	-0.10		L 3-1	0.10
Difference ambient and phase (< 40 C)	L1	-5.20	Difference ambient and phase. (< 40 C)	L1	-6.10
	L2	-5.00		L2	-6.20
	L3	-5.10		L3	-6.20

Description

Normal

Recommended

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Thermoscan Report

P-34

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 4EP2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

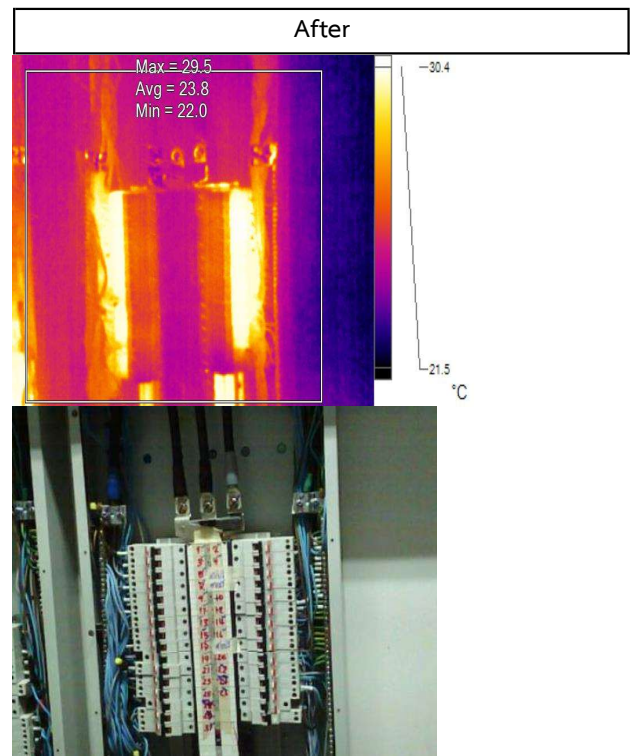
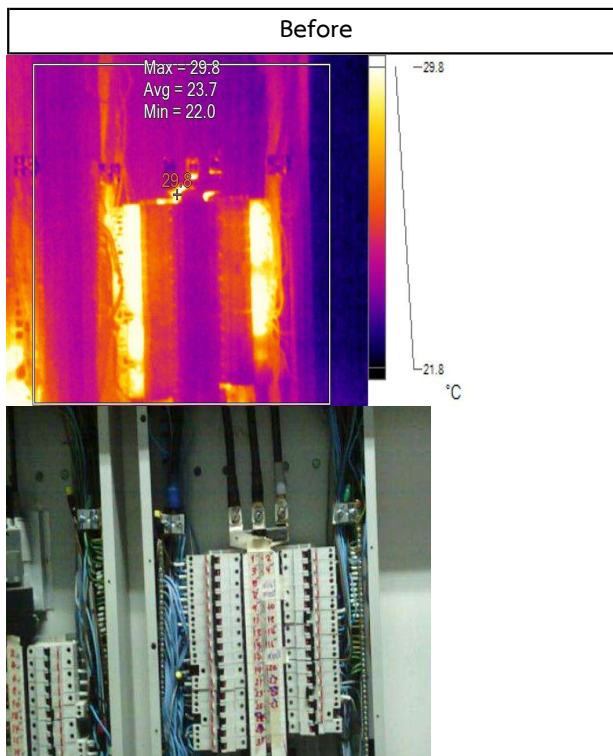
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	23.70
	Min	22.00
	Max	29.80

List	Point	P1
Temperature of connection point	Avg	23.80
	Min	22.00
	Max	29.50

Description

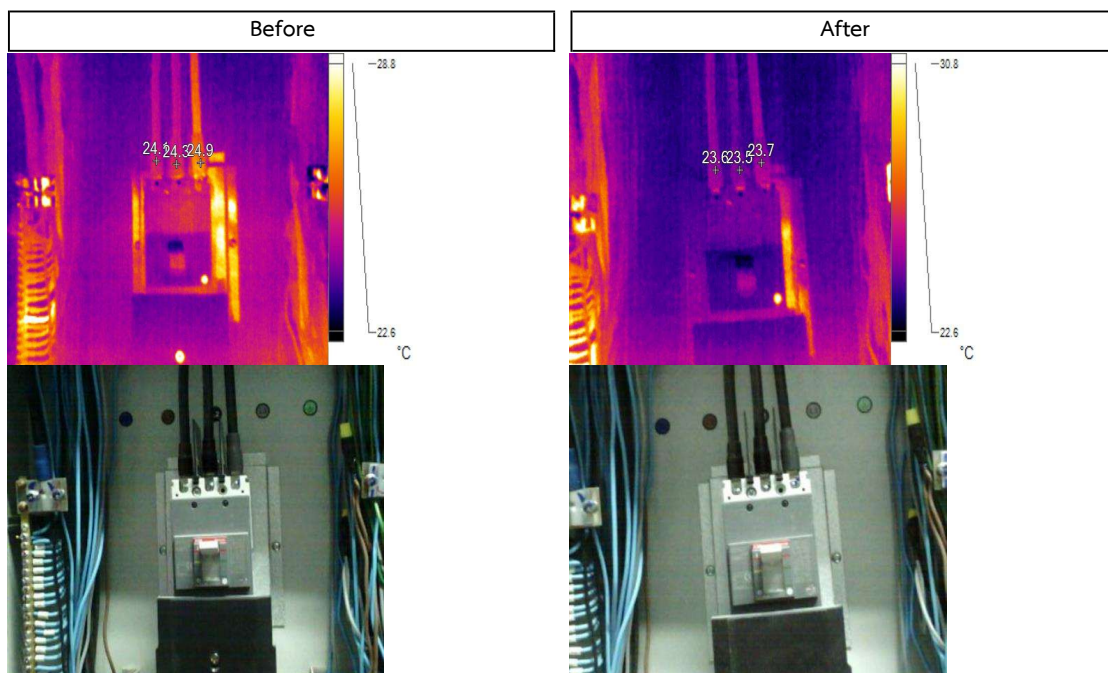
Normal

Recommended

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	Thermoscan Report	P-35
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 4EP1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	24.10	Temperature of connection point	L1	23.60
	L2	24.30		L2	23.50
	L3	24.90		L3	23.70
Temperature between phase. (< 15 C)	L 1-2	-0.20	Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	-0.60		L 2-3	-0.20
	L 3-1	-0.80		L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	-5.90	Difference ambient and phase. (< 40 C)	L1	-6.40
	L2	-5.70		L2	-6.50
	L3	-5.10		L3	-6.30

Description

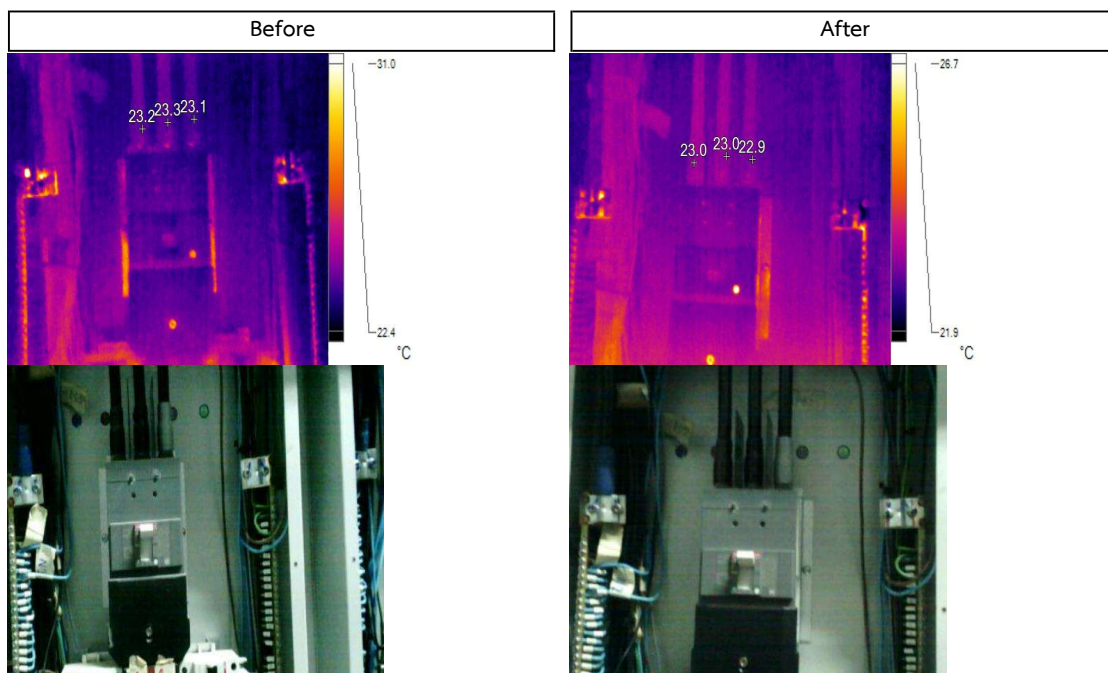
Normal

Recommended

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	Thermoscan Report	P-36
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 4PB1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	23.20	Temperature of connection point	L1	23.00
	L2	23.30		L2	23.00
	L3	23.10		L3	22.90
Temperature between phase. (< 15 C)	L 1-2	-0.10	Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.20		L 2-3	0.10
	L 3-1	0.10		L 3-1	0.10
Difference ambient and phase (< 40 C)	L1	-6.80	Difference ambient and phase. (< 40 C)	L1	-7.00
	L2	-6.70		L2	-7.00
	L3	-6.90		L3	-7.10

Description

Normal

Recommended

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Thermoscan Report

P-37

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 3UD1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

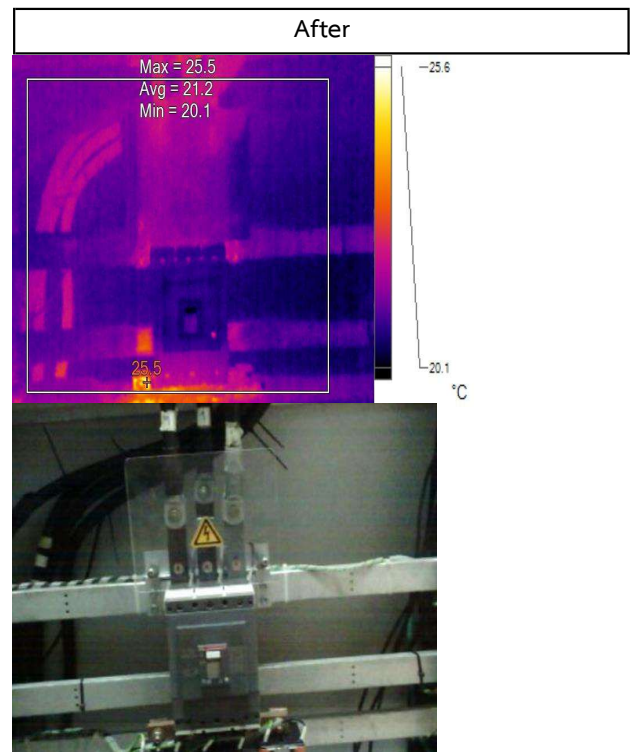
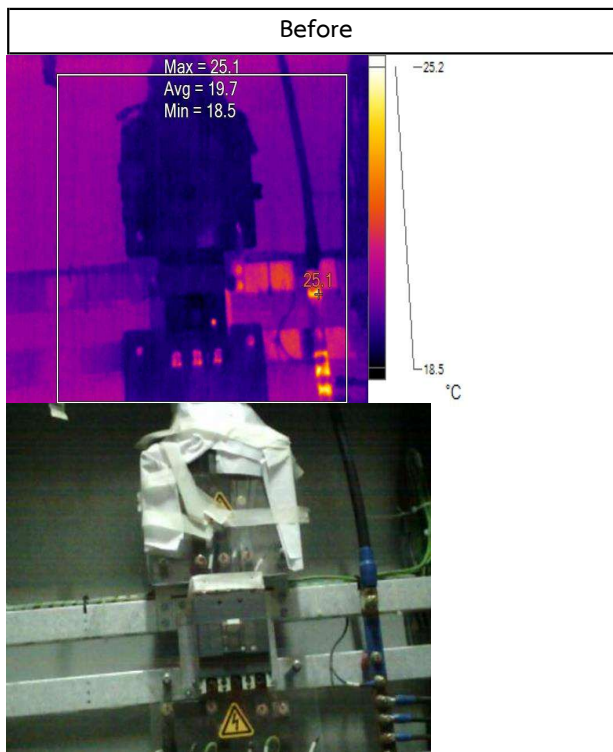
Ambient temperature : 30.00 °C

Equipment name : Main MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	19.70
	Min	18.50
	Max	25.10

List	Point	P1
Temperature of connection point	Avg	21.20
	Min	20.10
	Max	25.50

Description

Normal

Recommended

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Thermoscan Report

P-38

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 3ED1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

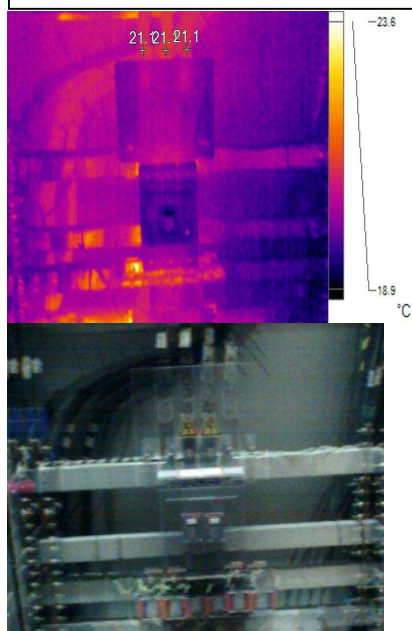
Equipment name : Main MCCB

After date : 30 เมษายน 2568

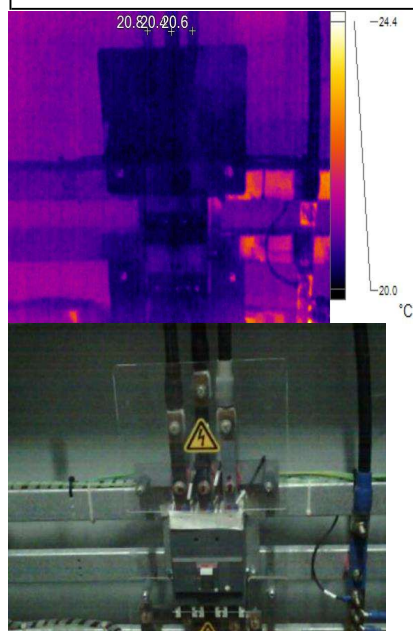
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	L1	21.10
	L2	21.10
	L3	21.10
Temperature between phase. (< 15 C)	L 1-2	0.00
	L 2-3	0.00
	L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-8.90
	L2	-8.90
	L3	-8.90

List	Point	P1
Temperature of connection point	L1	20.80
	L2	20.40
	L3	20.60
Temperature between phase. (< 15 C)	L 1-2	0.40
	L 2-3	-0.20
	L 3-1	0.20
Difference ambient and phase. (< 40 C)	L1	-9.20
	L2	-9.60
	L3	-9.40

Description

Normal

Recommended

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Thermoscan Report

P-39

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 3EP2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

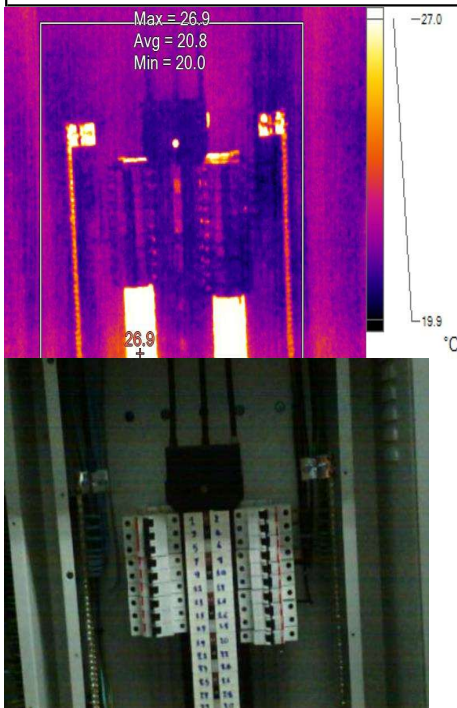
Equipment name : MCCB

After date : 30 เมษายน 2568

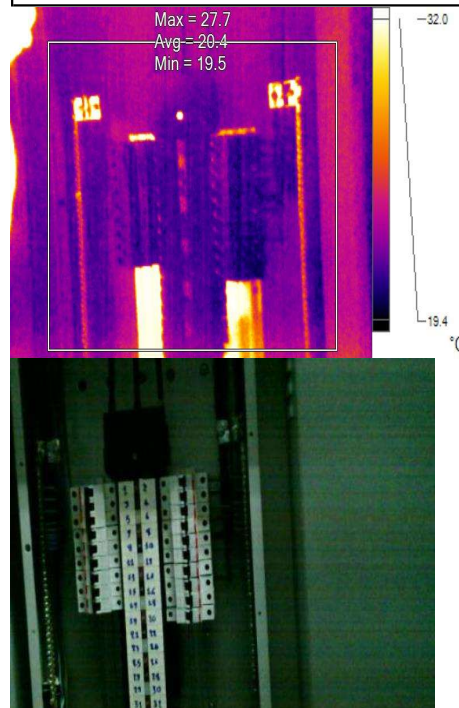
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	20.80
	Min	20.00
	Max	26.90

List	Point	P1
Temperature of connection point	Avg	20.40
	Min	19.60
	Max	27.70

Description

Normal

Recommended

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Thermoscan Report

P-40

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 3EP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

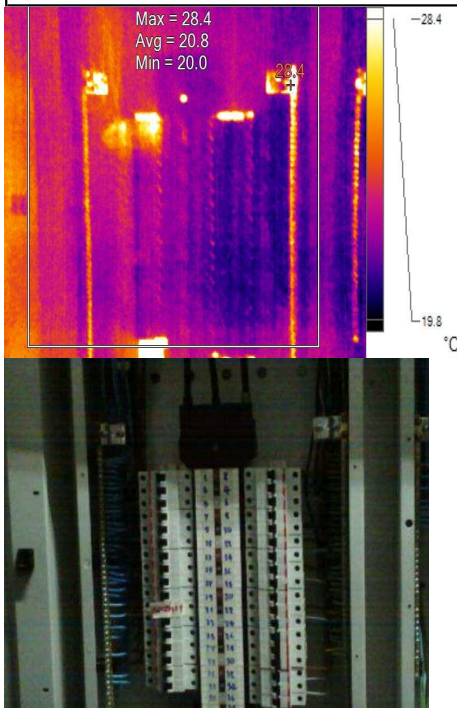
Equipment name : MCCB

After date : 30 เมษายน 2568

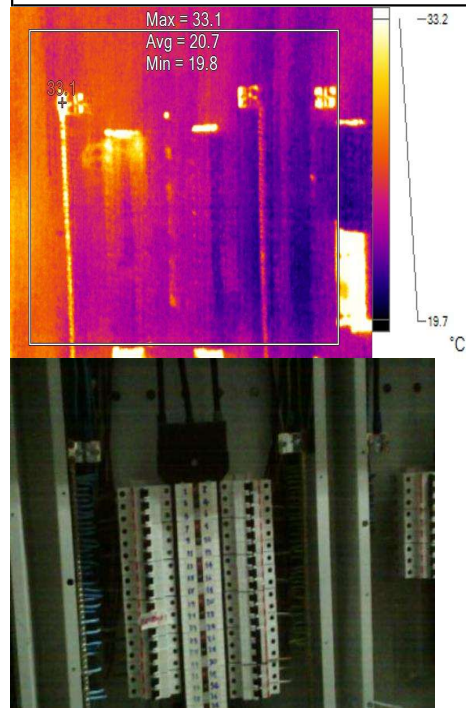
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	20.80
	Min	20.00
	Max	28.40

List	Point	P1
Temperature of connection point	Avg	20.70
	Min	19.80
	Max	33.10

Description

Normal

Recommended

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Thermoscan Report

P-41

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 3PB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

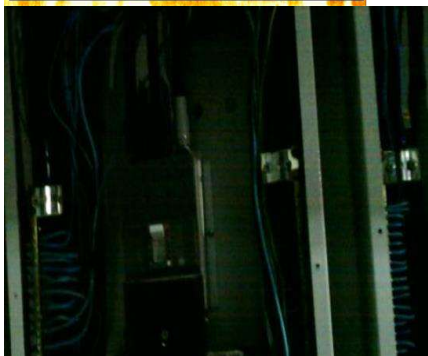
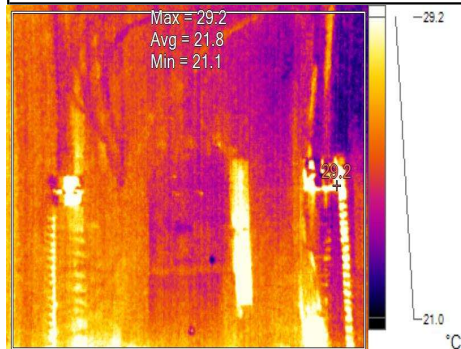
Equipment name : Main MCCB

After date : 30 เมษายน 2568

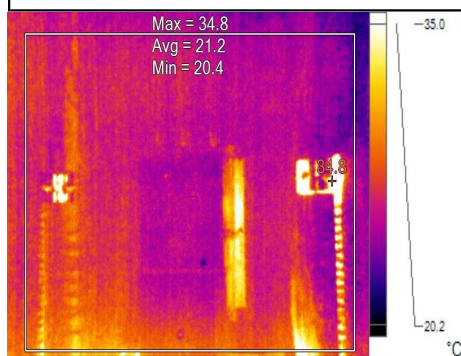
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	21.80
	Min	21.10
	Max	29.20

List	Point	P1
Temperature of connection point	Avg	21.20
	Min	20.40
	Max	34.80

Description

Normal

Recommended

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Thermoscan Report

P-42

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 2DB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

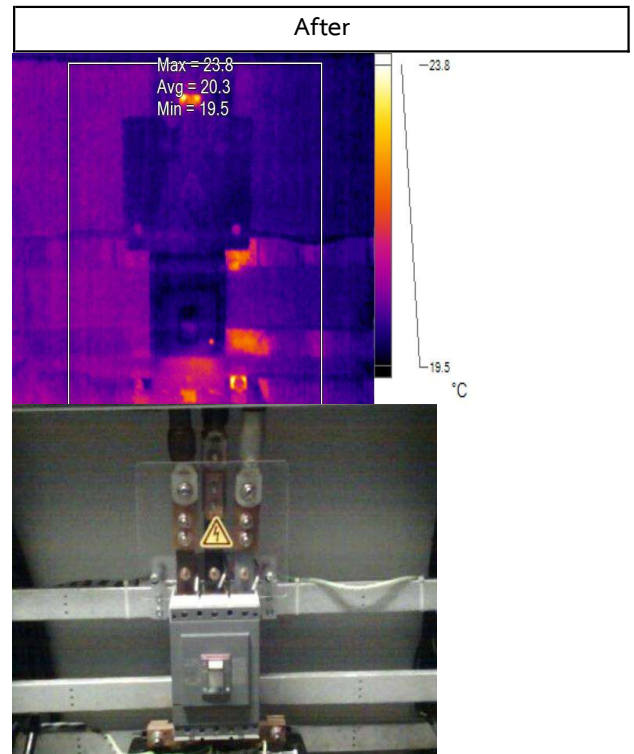
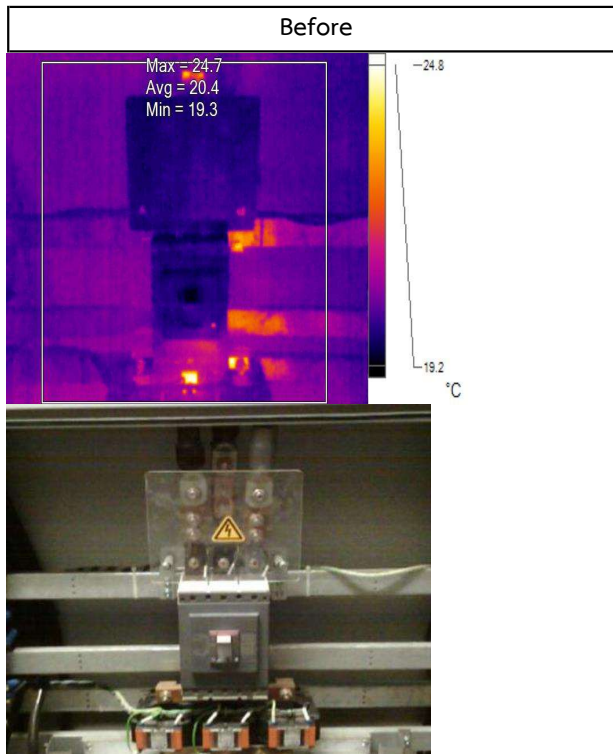
Ambient temperature : 30.00 °C

Equipment name : Main MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	20.40
	Min	19.30
	Max	24.70

List	Point	P1
Temperature of connection point	Avg	20.30
	Min	19.50
	Max	23.80

Description

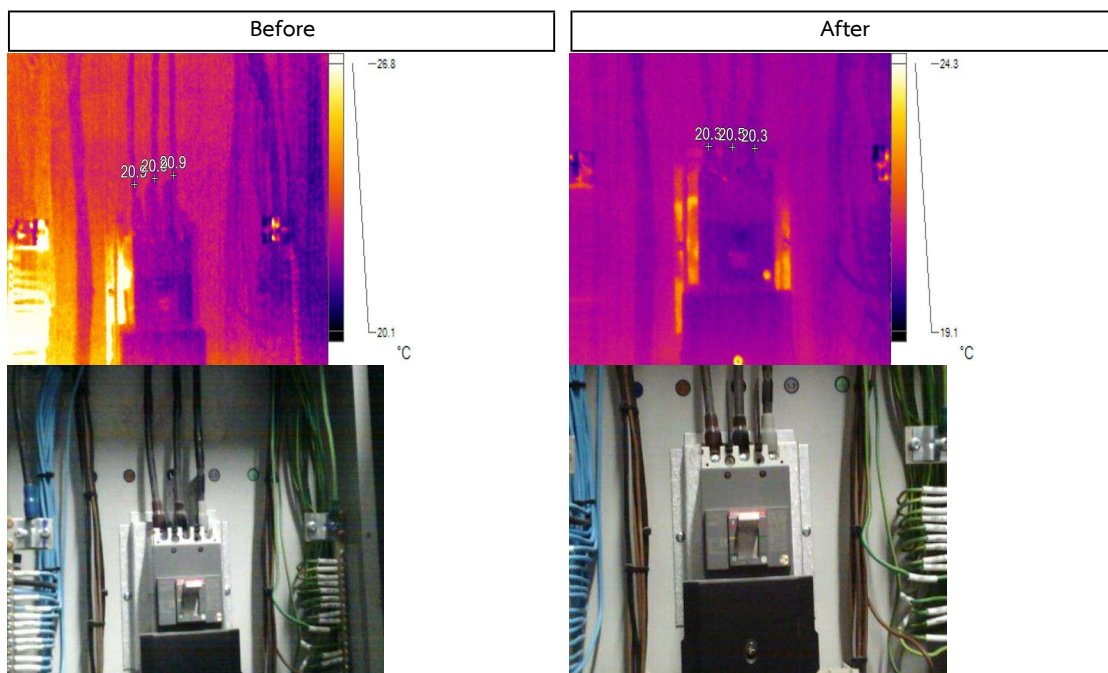
Normal

Recommended

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	Thermoscan Report	P-43
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 2UP1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	20.90	Temperature of connection point	L1	20.30
	L2	20.90		L2	20.50
	L3	20.90		L3	20.30
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	0.00		L 2-3	0.20
	L 3-1	0.00		L 3-1	0.00
Difference ambient and phase (< 40 C)	L1	-9.10	Difference ambient and phase. (< 40 C)	L1	-9.70
	L2	-9.10		L2	-9.50
	L3	-9.10		L3	-9.70

Description

Normal

Recommended

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Thermoscan Report

P-44

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 2PB3

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

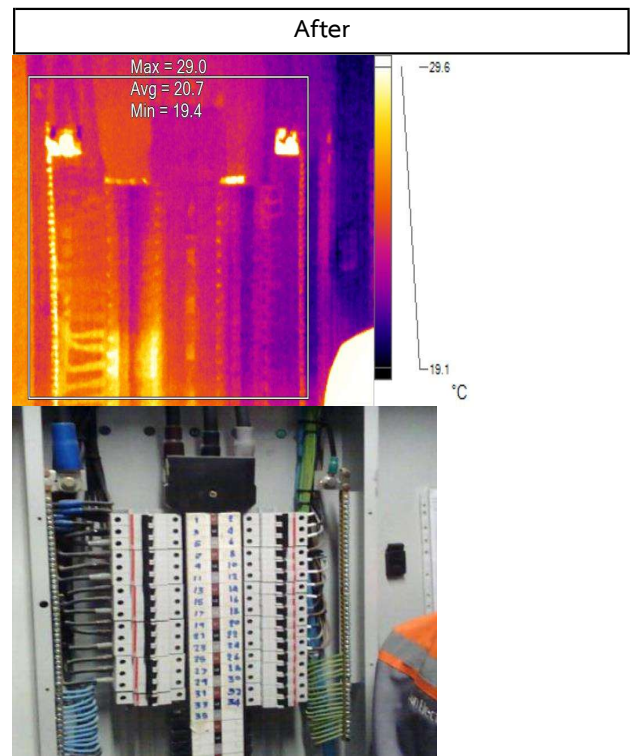
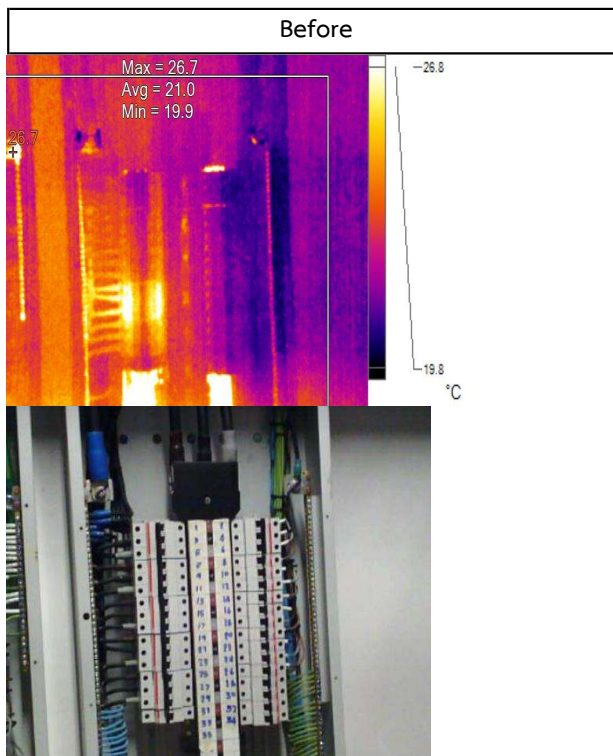
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	21.00
	Min	19.90
	Max	26.70

List	Point	P1
Temperature of connection point	Avg	20.70
	Min	19.40
	Max	29.00

Description

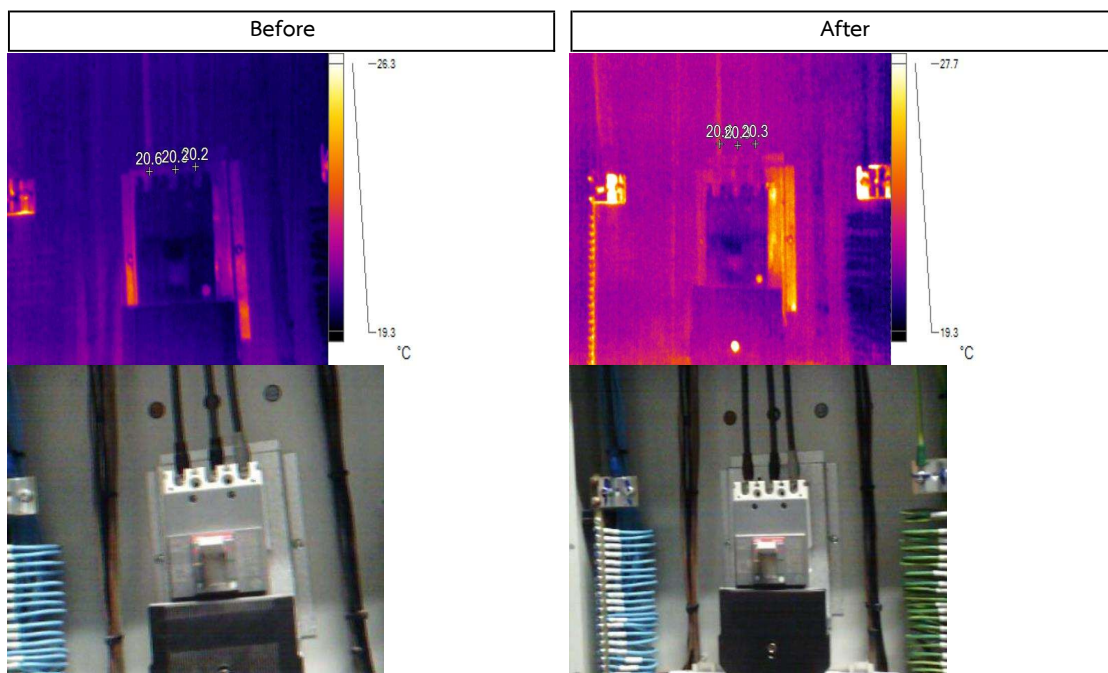
Normal

Recommended

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	Thermoscan Report	P-45
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 2EP1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	20.60	Temperature of connection point	L1	20.60
	L2	20.30		L2	20.30
	L3	20.20		L3	20.30
Temperature between phase. (< 15 C)	L 1-2	0.30	Temperature between phase. (< 15 C)	L 1-2	0.30
	L 2-3	0.10		L 2-3	0.00
	L 3-1	0.40		L 3-1	0.30
Difference ambient and phase (< 40 C)	L1	-9.40	Difference ambient and phase. (< 40 C)	L1	-9.40
	L2	-9.70		L2	-9.70
	L3	-9.80		L3	-9.70

Description

Normal

Recommended

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Thermoscan Report

P-46

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 2PB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

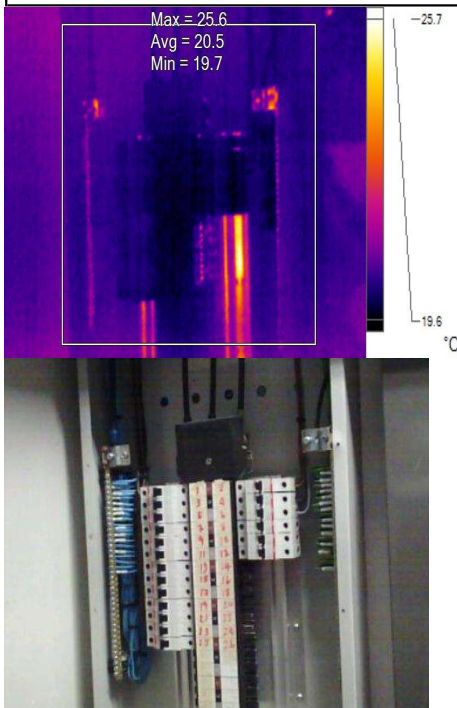
Equipment name : MCCB

After date : 30 เมษายน 2568

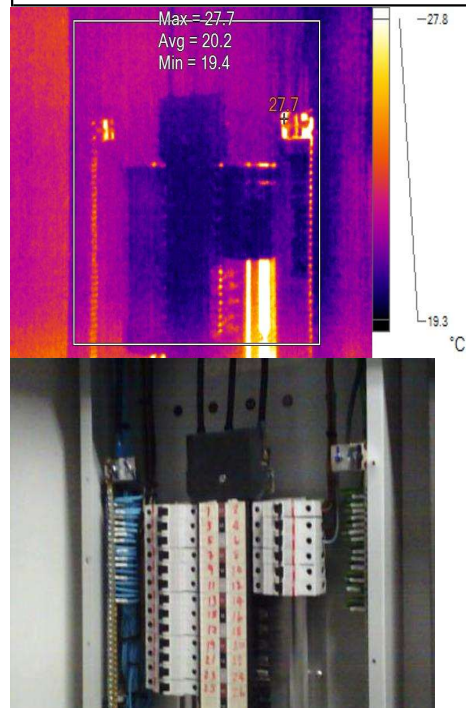
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	20.50
	Min	19.70
	Max	25.60

List	Point	P1
Temperature of connection point	Avg	20.20
	Min	19.40
	Max	27.70

Description

Normal

Recommended

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Thermoscan Report

P-47

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 2PB2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

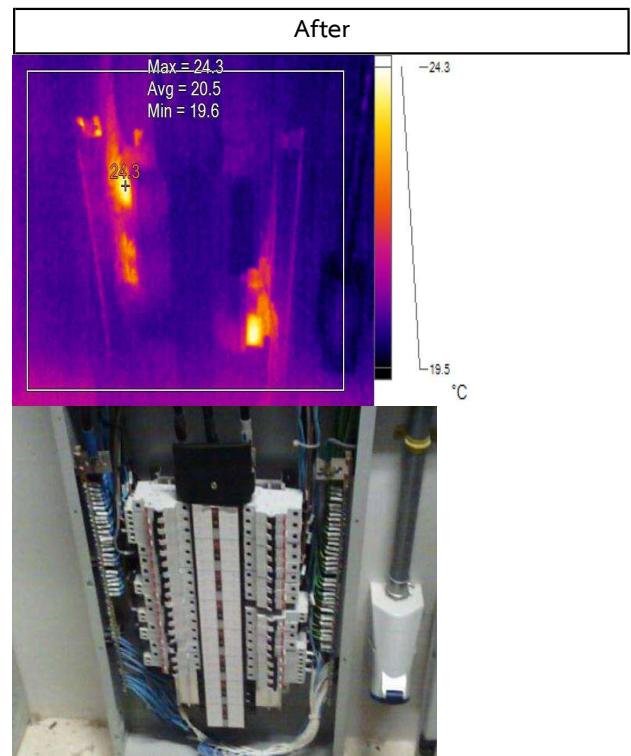
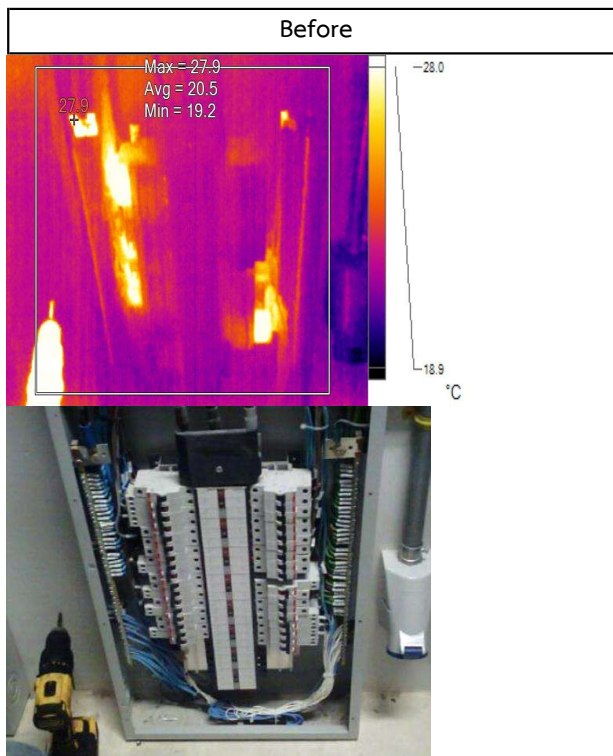
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	20.50
	Min	19.20
	Max	27.90

List	Point	P1
Temperature of connection point	Avg	20.50
	Min	19.60
	Max	24.30

Description

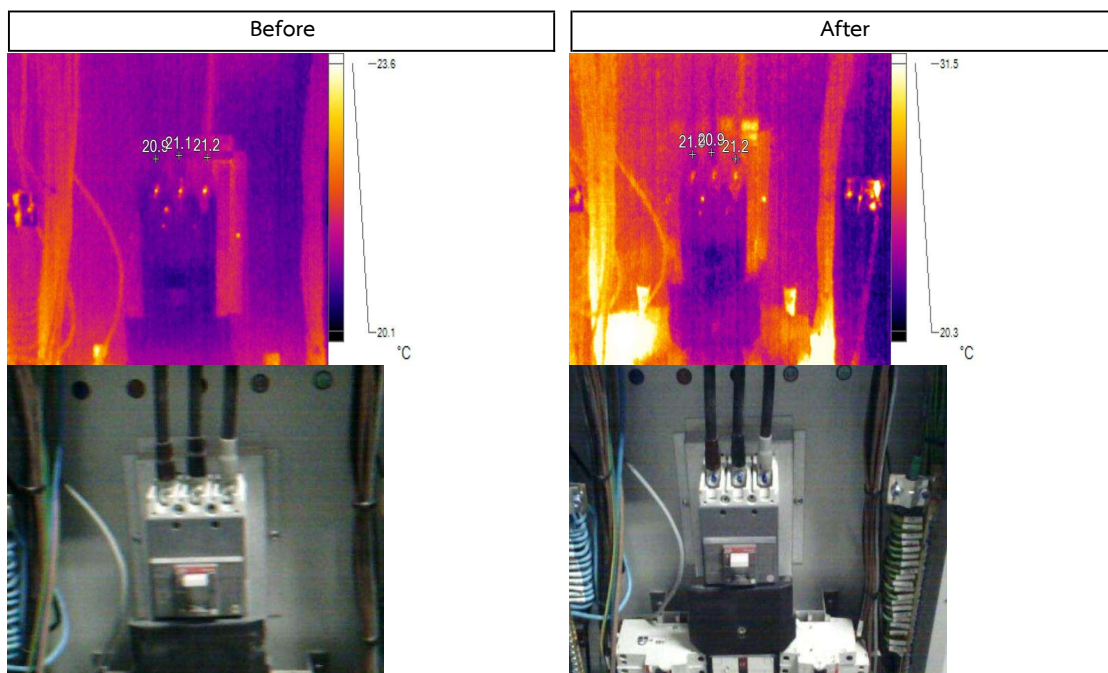
Normal

Recommended

-

	Thermoscan Report	P-48
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 2EP2	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	20.90	Temperature of connection point	L1	21.00
	L2	21.10		L2	20.90
	L3	21.20		L3	21.20
Temperature between phase. (< 15 C)	L 1-2	-0.20	Temperature between phase. (< 15 C)	L 1-2	0.10
	L 2-3	-0.10		L 2-3	-0.30
	L 3-1	-0.30		L 3-1	-0.20
Difference ambient and phase (< 40 C)	L1	-9.10	Difference ambient and phase. (< 40 C)	L1	-9.00
	L2	-8.90		L2	-9.10
	L3	-8.80		L3	-8.80

Description

Normal

Recommended

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Thermoscan Report

P-49

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 2PB3

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

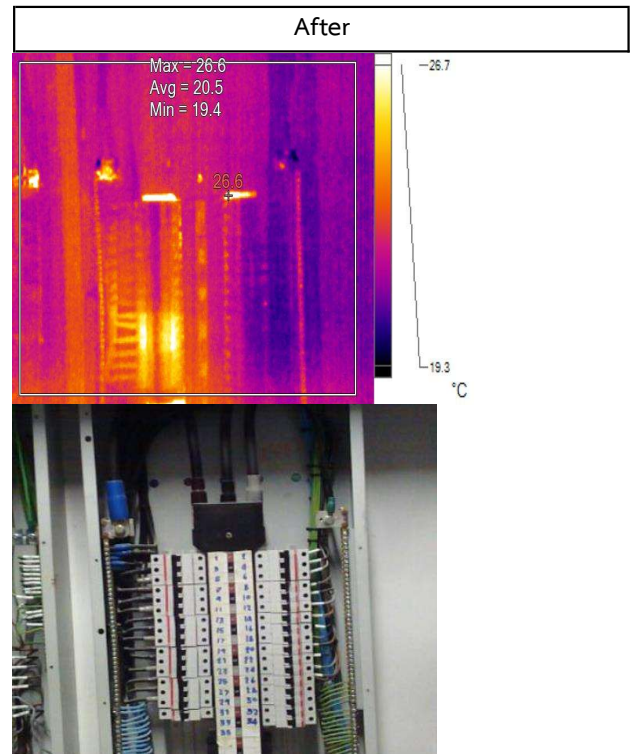
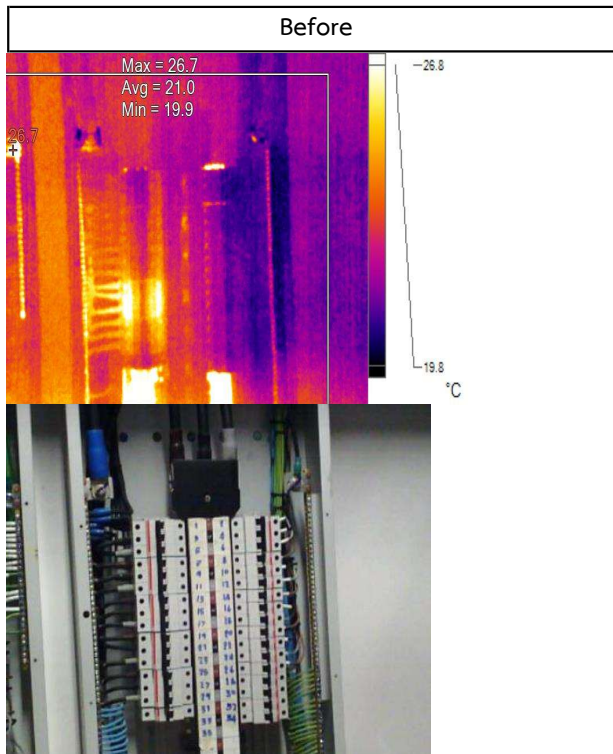
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	21.00
	Min	19.90
	Max	26.70

List	Point	P1
Temperature of connection point	Avg	20.50
	Min	19.40
	Max	26.60

Description

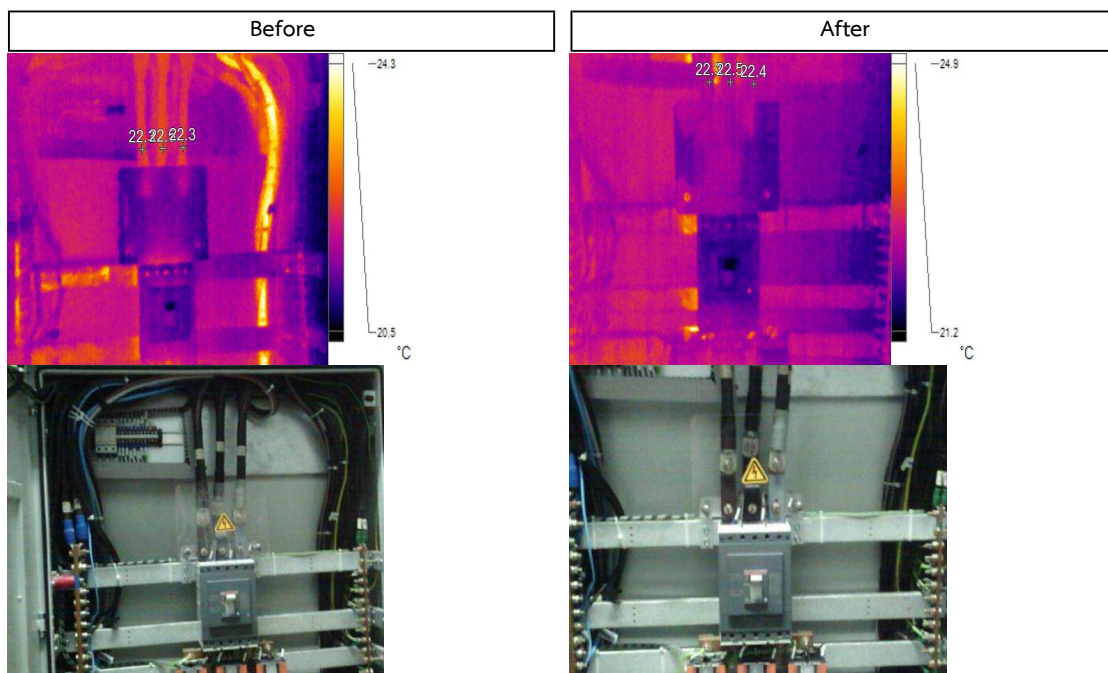
Normal

Recommended

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	Thermoscan Report	P-50
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 1DB1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	22.30	Temperature of connection point	L1	22.30
	L2	22.50		L2	22.50
	L3	22.30		L3	22.40
Temperature between phase. (< 15 C)	L 1-2	-0.20	Temperature between phase. (< 15 C)	L 1-2	-0.20
	L 2-3	0.20		L 2-3	0.10
	L 3-1	0.00		L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	-7.70	Difference ambient and phase. (< 40 C)	L1	-7.70
	L2	-7.50		L2	-7.50
	L3	-7.70		L3	-7.60

Description

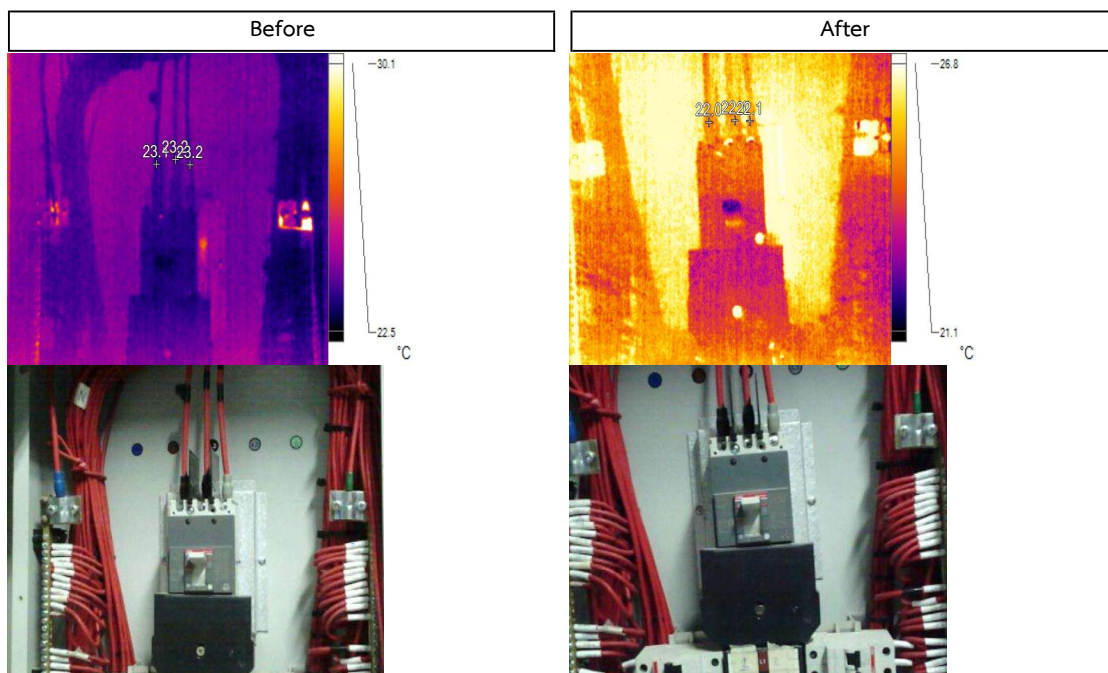
Normal

Recommended

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	Thermoscan Report	P-51
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 1LS1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	23.10	Temperature of connection point	L1	22.00
	L2	23.20		L2	22.10
	L3	23.20		L3	22.10
Temperature between phase. (< 15 C)	L 1-2	-0.10	Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	0.00		L 2-3	0.00
	L 3-1	-0.10		L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	-6.90	Difference ambient and phase. (< 40 C)	L1	-8.00
	L2	-6.80		L2	-7.90
	L3	-6.80		L3	-7.90

Description

Normal

Recommended

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Thermoscan Report

P-52

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 1LP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

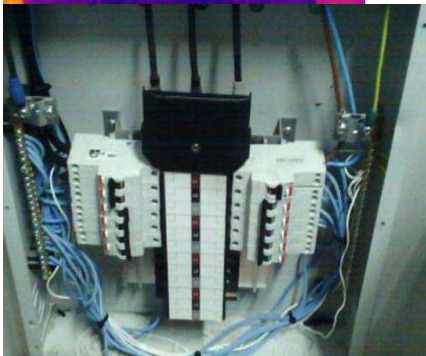
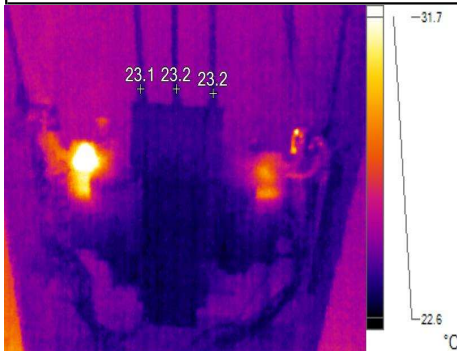
Equipment name : MCCB

After date : 30 เมษายน 2568

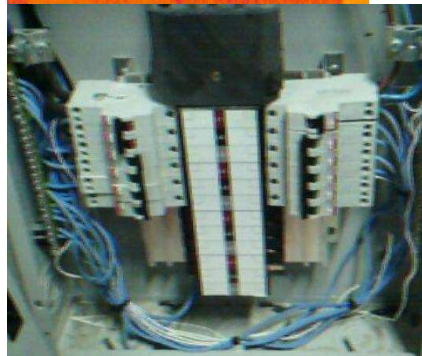
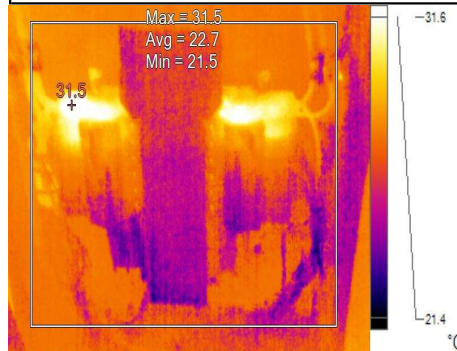
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	23.10
	Min	23.20
	Max	23.20

List	Point	P1
Temperature of connection point	Avg	22.70
	Min	21.50
	Max	31.50

Description

Normal

Recommended

-



Thermoscan Report

P-53

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 1PB1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

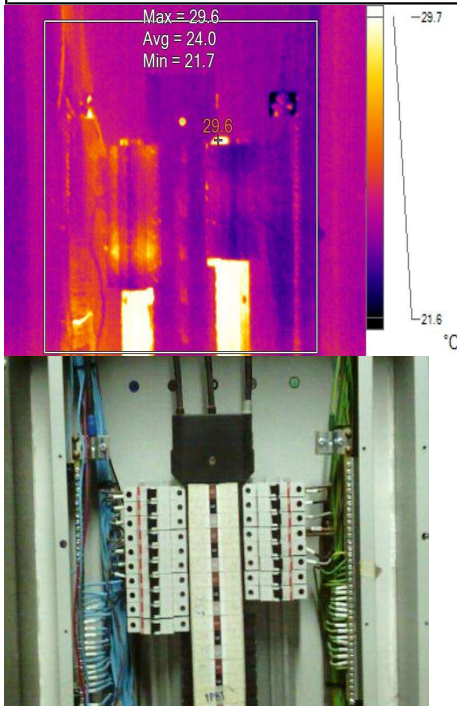
Equipment name : MCCB

After date : 30 เมษายน 2568

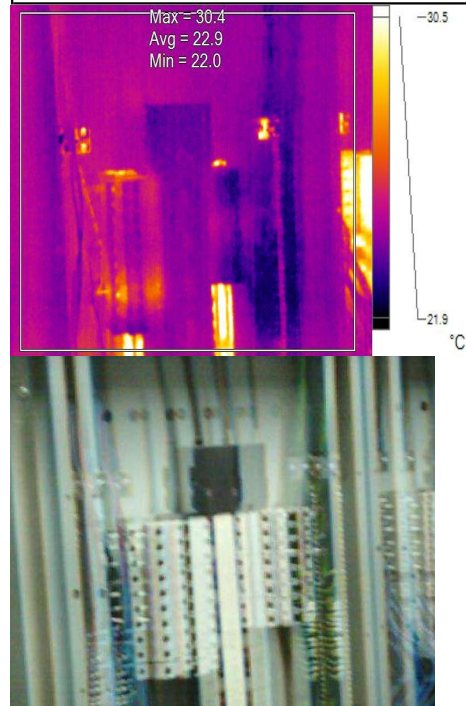
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	24.00
	Min	21.70
	Max	29.60

List	Point	P1
Temperature of connection point	Avg	22.90
	Min	22.00
	Max	30.40

Description

Normal

Recommended

-



Thermoscan Report

P-54

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 1PB3

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

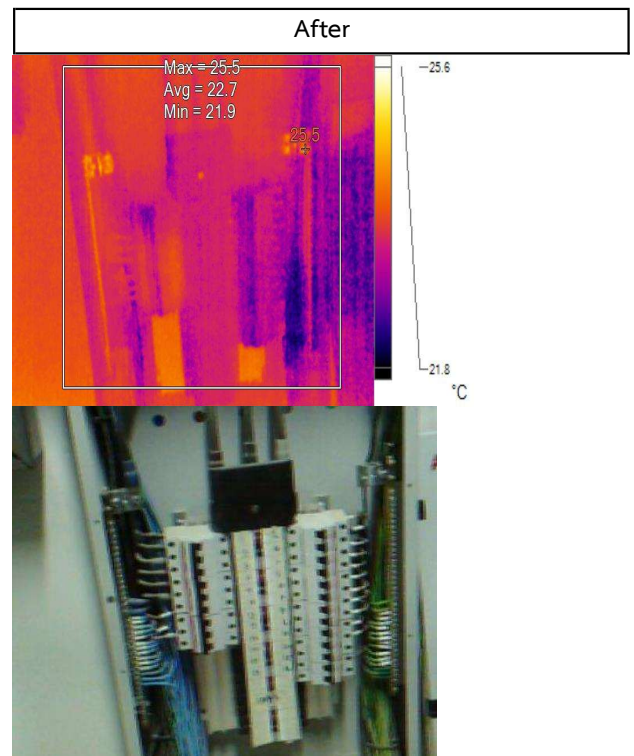
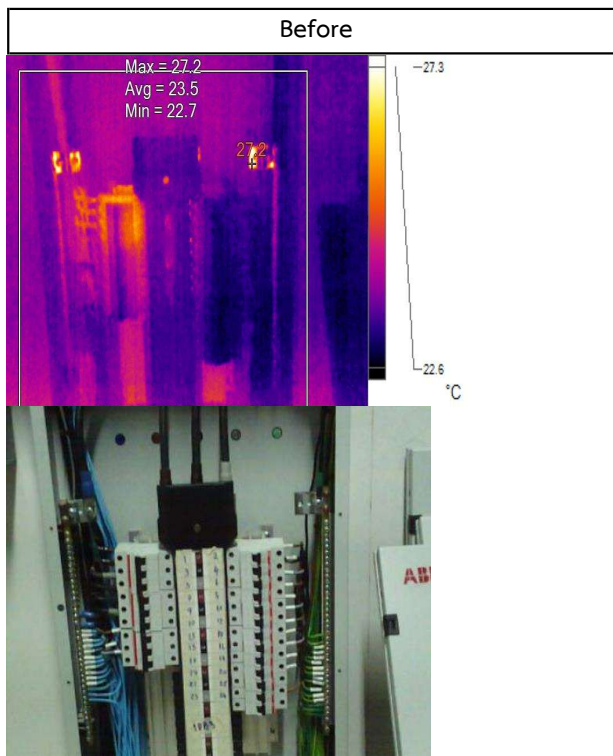
Ambient temperature : 30.00 °C

Equipment name : MCCB

After date : 30 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C



List	Point	P1
Temperature of connection point	Avg	23.50
	Min	22.70
	Max	27.20

List	Point	P1
Temperature of connection point	Avg	22.70
	Min	21.90
	Max	25.50

Description

Normal

Recommended

-



Thermoscan Report

P-55

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 1PB2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

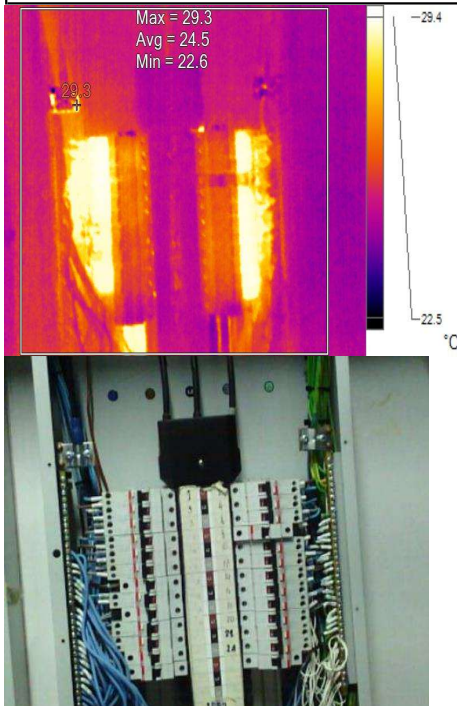
Equipment name : MCCB

After date : 30 เมษายน 2568

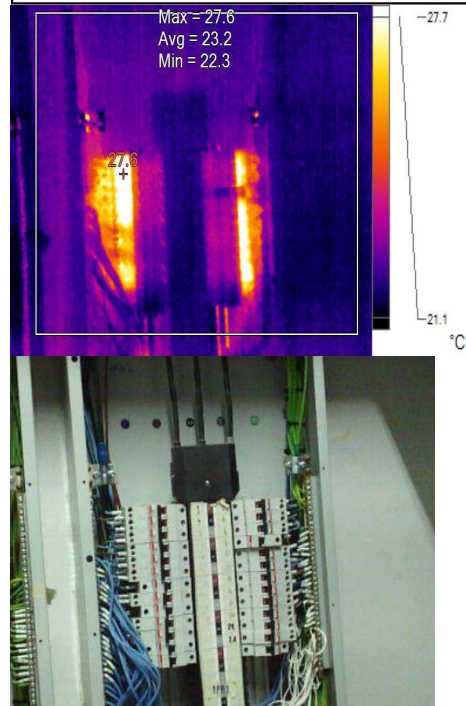
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	24.50
	Min	22.60
	Max	29.30

List	Point	P1
Temperature of connection point	Avg	23.20
	Min	22.30
	Max	27.60

Description

Normal

Recommended

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Thermoscan Report

P-56

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 1EP1

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

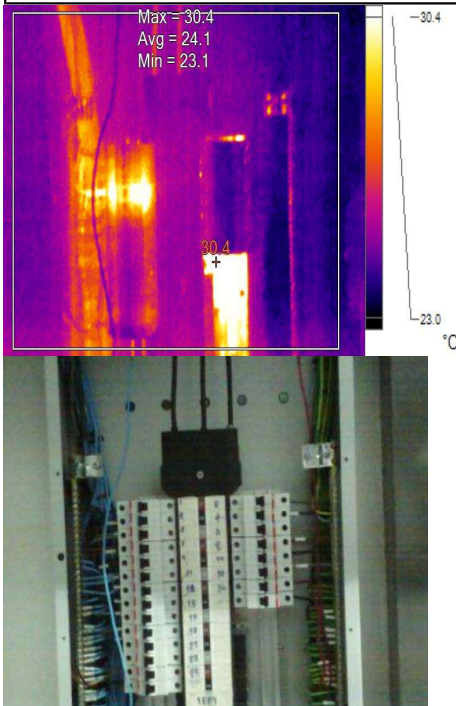
Equipment name : MCCB

After date : 30 เมษายน 2568

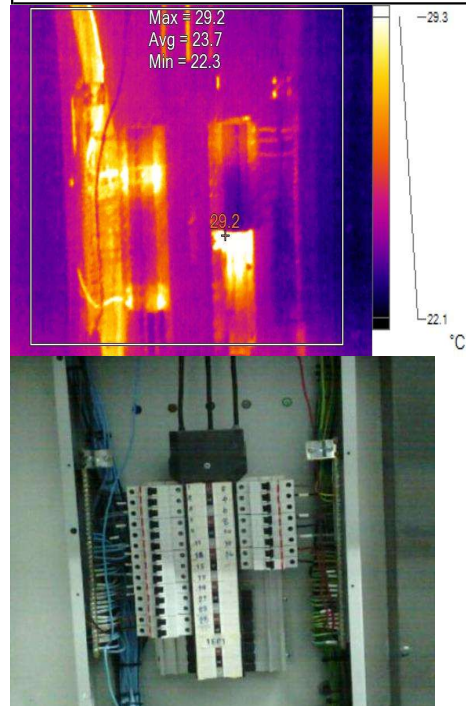
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	24.10
	Min	23.10
	Max	30.40

List	Point	P1
Temperature of connection point	Avg	23.70
	Min	22.30
	Max	29.20

Description

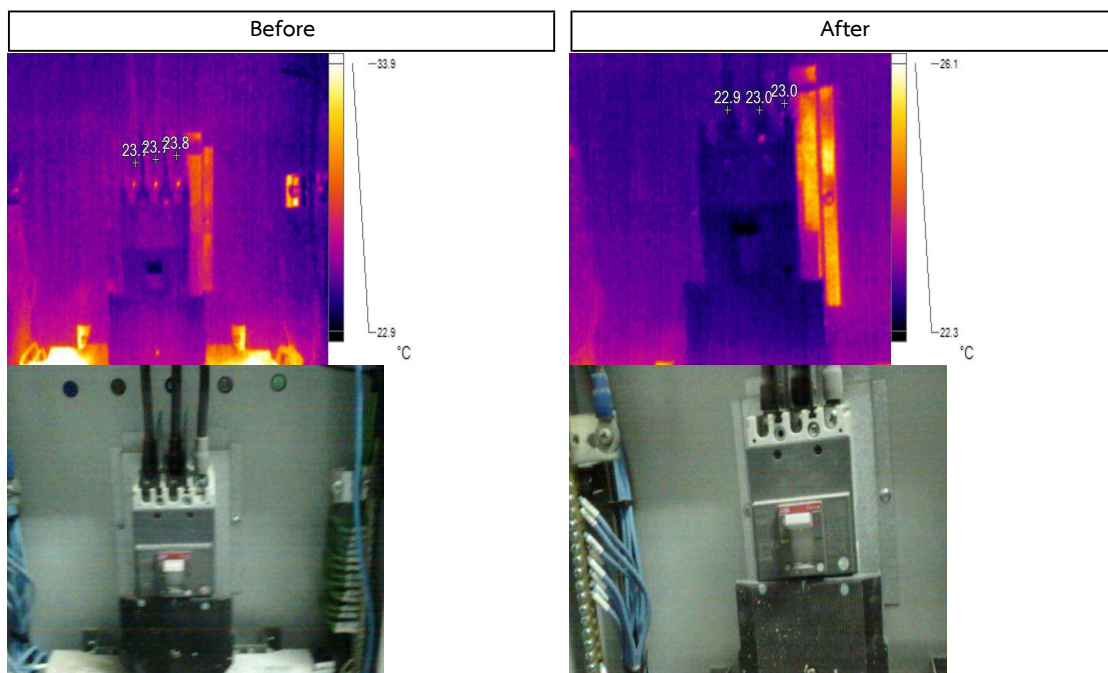
Normal

Recommended

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	Thermoscan Report	P-57
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Company	: โรงพยาบาลสิริเวชจันทบุรี (ตึกB)	Equipment name	: Main MCCB
Location	: 1UP1	After date	: 30 เมษายน 2568
Before date	: 28 เมษายน 2568	Photographer	: S.KITIPHAN
Photographer	: S.KITIPHAN	Ambient temperature	: 30.00 °C
Ambient temperature	: 30.00 °C		



List	Point	P1	List	Point	P1
Temperature of connection point	L1	23.70	Temperature of connection point	L1	22.90
	L2	23.70		L2	23.00
	L3	23.80		L3	23.00
Temperature between phase. (< 15 C)	L 1-2	0.00	Temperature between phase. (< 15 C)	L 1-2	-0.10
	L 2-3	-0.10		L 2-3	0.00
	L 3-1	-0.10		L 3-1	-0.10
Difference ambient and phase (< 40 C)	L1	-6.30	Difference ambient and phase. (< 40 C)	L1	-7.10
	L2	-6.30		L2	-7.00
	L3	-6.20		L3	-7.00

Description

Normal

Recommended

-



Thermoscan Report

P-58

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 1EP2

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

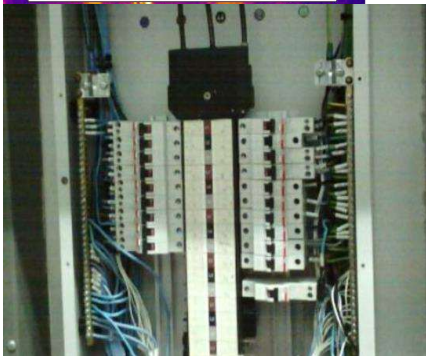
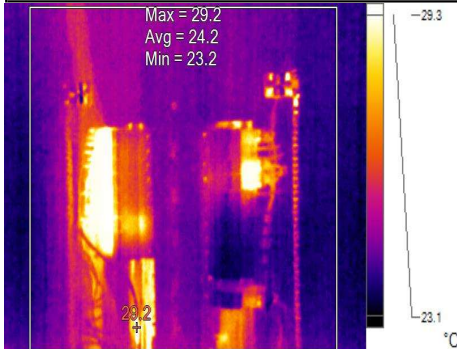
Equipment name : MCCB

After date : 30 เมษายน 2568

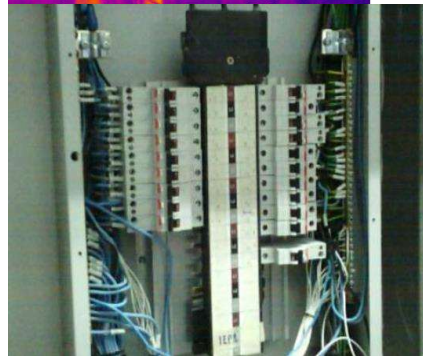
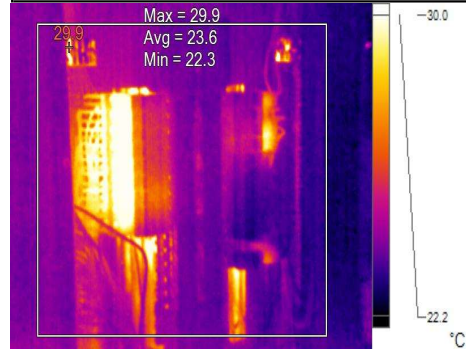
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	24.20
	Min	23.20
	Max	29.20

List	Point	P1
Temperature of connection point	Avg	23.60
	Min	22.30
	Max	29.90

Description

Normal

Recommended

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Thermoscan Report

P-59

Company : โรงพยาบาลสิริเวชจันทบุรี (ตึกB)

Location : 1EP3

Before date : 28 เมษายน 2568

Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

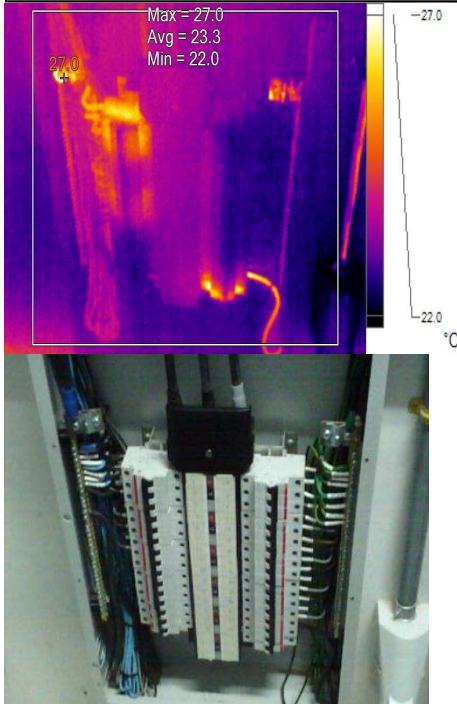
Equipment name : Main MCCB

After date : 30 เมษายน 2568

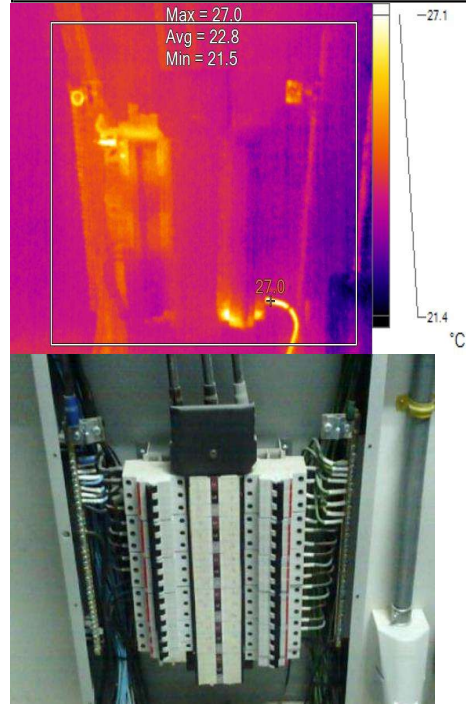
Photographer : S.KITIPHAN

Ambient temperature : 30.00 °C

Before



After



List	Point	P1
Temperature of connection point	Avg	23.30
	Min	22.00
	Max	27.00

List	Point	P1
Temperature of connection point	Avg	22.80
	Min	21.50
	Max	27.00

Description

Normal

Recommended

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MCL
Microtech Calibration laboratory



99/139 Moo 11, Soi Khaeng Khan 1, Phaholyothin Road 64, Khukhot, Lamlukka, Pathumthani 12130

99/139 หมู่ 11 ซอยแขวงขัน 1 ถนนพหลโยธิน 64 ตำบลลูกต อำเภอลำลูกกา จังหวัดปทุมธานี 12130

Tel: 02-0394265

CertificateNo. : E24 - 0296A

Page : 1 of 3

Certificate of Calibration

Customer : LT POWER ENGINEERING CO.,LTD.
Address : 130/153 M6, T.Bansuan, A.Muangchonburi, Chonburi 20000

Description of Equipment : Earth Clamp Tester
Manufacturer : Kyoritsu
Model Number : KEW 4200
Serial Number : 8258708
ID. /Control No. : N/A
Made In : Japan
Location : MCL Laboratory
Environment Conditions : Temperature (23 +/- 3) °C
: Humidity (50 +/- 15) % RH.
Cal Date : May 23, 2024
Issue Date : May 23, 2024

Uncertainty of Measurement

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95%.

Calibrated by : Kanchai Pavachot

Approved by :

(Precha Pavachot)

Laboratory Manager

Certificate of Calibration :

Description : Earth Clamp Tester **Serial No.** : 8258708 **Order No.** : 2109 - 24
Manufacturer : Kyoritsu **ID. /Control No.** : N/A **Received Date** : May 21, 2024
Model : KEW 4200 **Made In** : Japan **Calibration Date** : May 23, 2024

Calibration Method : Calibration Procedure Number MCL-CP94

Calibration Results : See data attached

This certificate is issued in accordance with ISO/IEC 17025 and the conditions of accreditation granted by the Thai Laboratory Accreditation Scheme which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realized at the corresponding national standards laboratory.

This certificate may not be reproduced other than in full except with the prior written approval of the Head of Calibration Laboratory of Microtech Calibration Laboratory Co., Ltd.

This result of calibration was found accurate as shown on date and place of calibration only.

Reference Standard

Description	Model	Serial No.	Certificate No.	Due Date
Multi-Product Calibrator	5502E	3862803	EE-0104-23	Oct 03, 2024
50-Turn Current Coil	5500A/COIL	20082567	-	-

Condition as received : Normal

Definitions :-

* NIMT- National Institute of Metrology, Thailand

Calibration Results

1. Function : AC Current Calibration @ Test Frequency : 50 Hz (Calibrated with 50 Turns Coil)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values		
100 mA	10 mA	9.8 mA	0.061 mA	9.1	~	10.9 mA
	90 mA	90.1 mA	0.086 mA	87.5	~	92.5 mA
1000 mA	100 mA	100.1 mA	0.10 mA	98.0	~	102.0 mA
	300 mA	299 mA	0.70 mA	294	~	306 mA
	500 mA	499 mA	0.77 mA	490	~	510 mA
	700 mA	699 mA	0.85 mA	686	~	714 mA
	900 mA	899 mA	0.93 mA	882	~	918 mA
10 A	1.1 A	1.02 A	0.0065 A	1.08	~	1.12 A
	9.0 A	9.02 A	0.010 A	8.82	~	9.18 A
30 A	11 A	11.0 A	0.063 A	10.8	~	11.2 A
	15 A	14.9 A	0.065 A	14.7	~	15.3 A
	27 A	26.9 A	0.21 A	26.5	~	27.5 A

Certificate of Calibration :

Description :	Earth Clamp Tester	Serial No. :	8258708	Order No. :	2109 - 24
Manufacturer :	Kyoritsu	ID. /Control No. :	N/A	Received Date :	May 21, 2024
Model :	KEW 4200	Made In :	Japan	Calibration Date :	May 23, 2024

Calibration Results (Cont.)

2. Function : *Resistance Calibration

(Perform "Zero" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values		
20 Ω	(Shorted) 0 Ω	0.05 Ω	0.0068 Ω	-0.05	~	0.05 Ω
	2 Ω	2.03 Ω	0.0070 Ω	1.92	~	2.08 Ω
	18 Ω	18.06 Ω	0.0087 Ω	17.68	~	18.32 Ω
200 Ω	20 Ω	20.4 Ω	0.059 Ω	17.4	~	22.6 Ω
	180 Ω	178.9 Ω	0.070 Ω	172.6	~	187.4 Ω
1500 Ω	200 Ω	200 Ω	0.59 Ω	170	~	230 Ω
	1000 Ω	980 Ω	0.65 Ω	890	~	1110 Ω
	1450 Ω	1430 Ω	0.68 Ω	1295	~	1605 Ω

UUC* = Unit Under Calibration

*Non Accreditation



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Tel: 02-0394265

Certificate No. : T24 - 0518

Page : 1 of 2

Certificate of Calibration

Customer : LT POWER ENGINEERING CO.,LTD.
Address : 130/153 M6, T.Bansuan, A.Muangchonburi, Chonburi 20000

Description of Equipment : Thermal Image
Manufacturer : Fluke
Model Number : Ti300+
Serial Number : Ti300+-20040070
ID. /Control No. : N/A
Made In : N/A
Location : MCL Laboratory
Environment Conditions : Temperature (23 +/- 3) °C
: Humidity (50 +/- 20) %RH
Cal Date : May 23, 2024
Issue Date : May 25, 2024

Uncertainty of Measurement

The reported uncertainty is based on a standard uncertainty multiplied by coverage factor of $k = 2$. It has been evaluated according to the "Expression of the Uncertainty of Measurement in Calibration (EA-4/02)" which provides a level of confidence approximately 95%.

Calibrated by : Pawinee Boonpet

Approved by : 

(Precha Pavachot)
Laboratory Manager

Certificate of Calibration :

Page : 2 of 2

Description :	Thermal Image	Serial No. :	Ti300+-20040070	Order No. :	2109 - 24
Manufacturer :	Fluke	ID. /Control No. :	N/A	Received Date :	May 21, 2024
Model :	Ti300+	Made In :	N/A	Calibration Date :	May 23, 2024

Calibration Method :

- This instrument was calibrated by comparison with standard on table follow to in - house calibration method
- The temperature scale used was based on ITS - 90
- This certificate may not be reproduced other than in full except with the prior written approval of the Head of Calibration Laboratory of Microtech Calibration Laboratory Co., Ltd.
- This result was found accurate as shown on date and place of calibration only.

Reference Standard :

Description	Model	Serial No.	Certificate No.	Due Date
Micro Bath	7103	B69423	SG-T-00601/66	Aug 26, 2024
Black Body Calibrator	BX-500	130209138	T23-1201	Oct 02, 2024

Traceability :

- The measurements are traceable to International System of Units (SI), through Success Gateway Co., Ltd.
- The measurements are traceable to International System of Units (SI), through Microtech Calibration Laboratory Co., Ltd.

Result of Calibration : Without Adjustment

Calibration Range: 30 to 100 °C **Resolution :** 0.1 °C

Target Size = 32 mm **Distance from Target = Nearest** **Instrument Emissivity = 0.95**

Standard Value (°C)	UUC* Reading (°C)	Correction (°C)
30.0	30.2	-0.2
70.0	70.5	-0.5
80.0	80.3	-0.3
90.0	90.4	-0.4
100.0	100.4	-0.4

Uncertainty of measurement result ± 1.32 °C

UUC* = Unit Under Calibration



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Microtech Calibration laboratory



99/139 Moo 11, Soi Khaeng Khan 1, Phaholyothin Road 64, Khukhot, Lamlukka, Pathumthani 12130

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Tel: 02-0394265

CertificateNo. : E24 - 0293A

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Certificate of Calibration

Customer : LT POWER ENGINEERING CO.,LTD.
Address : 130/153 M6, T.Bansuan, A.Muangchonburi, Chonburi 20000

Description of Equipment : True RMS Multimeter
Manufacturer : Fluke
Model Number : 115
Serial Number : 47320530SV
ID. /Control No. : N/A
Made In : U.S.A
Location : MCL Laboratory
Environment Conditions : Temperature (23 +/- 3) °C
: Humidity (50 +/- 15) % RH.
Cal Date : May 22, 2024
Issue Date : May 23, 2024

Uncertainty of Measurement

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95%.

Calibrated by : Kanchai Pavachot

Approved by :

(Precha Pavachot)

Laboratory Manager

Certificate of Calibration :

Description :	True RMS Multimeter	Serial No. :	47320530SV	Order No. :	2109 - 24
Manufacturer :	Fluke	ID. /Control No. :	N/A	Received Date :	May 21, 2024
Model :	115	Made In :	U.S.A	Calibration Date :	May 22, 2024

Calibration Method : Calibration Procedure Number MCL-CP92

Calibration Results : See data attached

This certificate is issued in accordance with ISO/IEC 17025 and the conditions of accreditation granted by the Thai Laboratory Accreditation Scheme which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realized at the corresponding national standards laboratory.

This certificate may not be reproduced other than in full except with the prior written approval of the Head of Calibration Laboratory of Microtech Calibration Laboratory Co., Ltd.

This result of calibration was found accurate as shown on date and place of calibration only.

Reference Standard

Description	Model	Serial No.	Certificate No.	Due Date
Multi-Product Calibrator	5502E	3862803	EE-0104-23	Oct 03, 2024

Condition as received : Normal
Definitions :-

* NIMT- National Institute of Metrology, Thailand

Calibration Results
1. Function : DC Voltage Calibration

(Perform "REL" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value		UUC Reading	Uncertainty (±)	Tolerance Limit Values			
600 mV	(Shorted)	0 mV	0.0 mV	0.058 mV	-0.2	~	0.2	mV
		60 mV	60.0 mV	0.058 mV	59.5	~	60.5	mV
		540 mV	539.8 mV	0.063 mV	537.1	~	542.7	mV
		-540 mV	-539.8 mV	0.061 mV	-537.5	~	-542.3	mV
6 V		0 V	0.000 V	0.00058 V	-0.002	~	0.002	V
		0.6 V	0.600 V	0.00058 V	0.595	~	0.605	V
		5.4 V	5.397 V	0.00063 V	5.371	~	5.426	V
60 V		6 V	6.00 V	0.0058 V	5.95	~	6.05	V
		54 V	54.00 V	0.0064 V	53.71	~	54.29	V
600 V		60 V	60.0 V	0.058 V	59.5	~	60.5	V
		540 V	539.8 V	0.063 V	537.1	~	542.7	V
		-540 V	-539.8 V	0.062 V	-537.5	~	-542.3	V

2. Function : AC Voltage Calibration @ Test Frequency

UUC Range	Standard Value		UUC Reading	Uncertainty (±)	Tolerance Limit Values			
600 mV	60 mV	50 Hz	59.8 mV	0.065 mV	59.1	~	60.9	mV
	540 mV	50 Hz	539.6 mV	0.18 mV	534.3	~	545.7	mV
6 V	0.6 V	50 Hz	0.596 V	0.010 V	0.591	~	0.609	V
	5.4 V	50 Hz	5.397 V	0.010 V	5.343	~	5.457	V
60 V	6 V	50 Hz	5.97 V	0.0070 V	5.91	~	6.09	V
	54 V	50 Hz	53.99 V	0.024 V	53.43	~	54.57	V
600 V	60 V	50 Hz	59.7 V	0.063 V	59.1	~	60.9	V
	540 V	50 Hz	539.6 V	0.23 V	534.3	~	545.7	V

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Model :	115	Made In :	U.S.A	Calibration Date :	May 22, 2024

Calibration Results (Cont.)

3. Function : Resistance Calibration

(Perform "Zero" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values		
600 Ω	(Shorted) 0 Ω	0.0 Ω	0.058 Ω	-0.2	~	0.2 Ω
	60 Ω	60.1 Ω	0.058 Ω	59.3	~	60.7 Ω
	540 Ω	540.1 Ω	0.070 Ω	534.9	~	545.1 Ω
6 k Ω	0.6 k Ω	0.600 k Ω	0.00058 k Ω	0.594	~	0.606 k Ω
	5.4 k Ω	5.398 k Ω	0.00070 k Ω	5.350	~	5.450 k Ω
60 k Ω	6 k Ω	6.00 k Ω	0.0058 k Ω	5.94	~	6.06 k Ω
	54 k Ω	53.99 k Ω	0.0075 k Ω	53.50	~	54.50 k Ω
600 k Ω	60 k Ω	59.9 k Ω	0.058 k Ω	59.4	~	60.6 k Ω
	540 k Ω	539.3 k Ω	0.086 k Ω	535.0	~	545.0 k Ω
6 M Ω	0.6 M Ω	0.599 M Ω	0.00058 M Ω	0.594	~	0.606 M Ω
	5.4 M Ω	5.394 M Ω	0.0026 M Ω	5.350	~	5.450 M Ω
40 M Ω	5 M Ω	4.99 M Ω	0.0062 M Ω	4.73	~	5.27 M Ω
	36 M Ω	35.79 M Ω	0.017 M Ω	34.18	~	37.82 M Ω

4. Function : DC Current Calibration

(Perform "Zero" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values		
6 A	0.0 A	0.000 A	0.00058 A	-0.003	~	0.003 A
	0.6 A	0.600 A	0.00061 A	0.591	~	0.609 A
	5.4 A	5.396 A	0.0030 A	5.343	~	5.457 A
10 A	1 A	1.00 A	0.0058 A	0.96	~	1.04 A
	5 A	5.00 A	0.0064 A	4.92	~	5.08 A
	9 A	8.99 A	0.0074 A	8.88	~	9.12 A
	-9 A	-8.99 A	0.0069 A	-8.94	~	-9.06 A

5. Function : AC Current Calibration @ Test Frequency

UUC Range	Standard Value		UUC Reading	Uncertainty (±)	Tolerance Limit Values		
6 A	0.6 A	50 Hz	0.597 A	0.00066 A	0.588	~	0.612 A
	5.4 A	50 Hz	5.395 A	0.0041 A	5.316	~	5.484 A
10 A	1 A	50 Hz	1.00 A	0.0058 A	0.96	~	1.05 A
	5 A	50 Hz	4.99 A	0.0070 A	4.90	~	5.11 A
	9 A	50 Hz	8.99 A	0.0081 A	8.84	~	9.17 A

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Model :	115	Made In :	U.S.A	Calibration Date :	May 22, 2024

Calibration Results (Cont.)

6. Function : Capacitance Calibration

(Perform "Zero" with the input terminals shorted, prior to starting calibration on each ranges)

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values	
1000 nF	100 nF	100 nF	0.64 nF	96	~ 101 nF
	900 nF	900 nF	2.6 nF	881	~ 911 nF
10 µF	1 uF	1.00 µF	0.0064 µF	0.96	~ 1.03 µF
	9 uF	8.99 µF	0.026 µF	8.81	~ 9.13 µF
100 µF	10 uF	10.0 µF	0.064 µF	9.6	~ 10.3 µF
	90 uF	90.0 µF	0.40 µF	88.1	~ 91.3 µF
10000 µF	100 uF	100 µF	0.72 µF	75	~ 125 µF
	1000 uF	1045 µF	4.3 µF	930	~ 1070 µF

7. Function : Frequency Calibration

UUC Range	Standard Value	UUC Reading	Uncertainty (±)	Tolerance Limit Values	
99.99 Hz	10 Hz	10.00 Hz	0.0059 Hz	9.89	~ 10.11 Hz
	90 Hz	90.00 Hz	0.0063 Hz	89.17	~ 90.83 Hz
999.9 Hz	100 Hz	100.0 Hz	0.058 Hz	98.9	~ 101.1 Hz
	900 Hz	900.0 Hz	0.061 Hz	891.7	~ 908.3 Hz
9.999 kHz	1 kHz	1.000 kHz	0.00058 kHz	0.989	~ 1.011 kHz
	9 kHz	9.000 kHz	0.00060 kHz	8.917	~ 9.083 kHz
99.99 kHz	10 kHz	10.00 kHz	0.0058 kHz	9.89	~ 10.11 kHz
	90 kHz	90.00 kHz	0.0060 kHz	89.10	~ 90.83 kHz

UUC* = Unit Under Calibration