

ภาคผนวก ข-21

เอกสารการตรวจสอบสภาพอุปกรณ์ เครื่องจักร และ
ระบบไฟฟ้า



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTP - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : ☒ 6M

PAGES : 1 / 14

FIRE ALARM CONTROL PANEL

EQUIPMENT TAG NO. : FA - CP - 01

| Item | Check Point | Result | Remark |
|-------------------------|----------------------|--|--------|
| enclosure | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| inside device | Dust, Rust, Moisture | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Smell, Noise | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Grounding Connection | loosen | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Entry Cables | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Worn Out | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Cable tag. No. | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Internal cleaning | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Control and Power Cable | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Retighten | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |

OPERATING CONDITION

| | | | | |
|----------------------|----------------------|-------|----------------------------|--|
| Power input | (normal = 220 VAC) | = 220 | Lamp test | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| PS - 35 power input | (normal = 220 VAC) | = 220 | Siren Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| PS - 35 power output | (normal = 24 VDC) | = 24 | Zone Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| Battery input | (normal = 24 VDC) | = 24 | Zone Trouble Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| | | | Audible Circuit Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |

BACK-UP BATTERY TEST

| Item | Period | | | | | | | | | | | | | Result |
|----------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| | 0.1min | 15min | 30min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | |
| 10 hrs.without alarm | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NOT PASS |
| 0.5 hr.with alarm | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | - | - | - | - | - | - | - | - | - | - | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NOT PASS |

Suggestion :

Remark : A = acceptable, U = unacceptable

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : Company : RMT Date : 18/06/24

Approved by : Company : RMT Date : 18/06/24



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INTERVAL : ☒ 6M

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FIRE ALARM CONTROL PANEL (EXP)

EQUIPMENT TAG NO. : FA - CP - 02

| Item | Check Point | Result | Remark |
|-------------------------|----------------------|--|--------|
| enclosure | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| inside device | Dust, Rust, Moisture | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Smell, Noise | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Grounding Connection | loosen | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Entry Cables | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Worn Out | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Cable tag. No. | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Internal cleaning | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Control and Power Cable | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Retighten | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |

OPERATING CONDITION

| | | | | |
|----------------------|----------------------|-------|----------------------------|--|
| Power input | (normal = 220 VAC) | = 220 | Lamp test | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| PS - 35 power input | (normal = 220 VAC) | = 220 | Siren Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| PS - 35 power output | (normal = 24 VDC) | = 24 | Zone Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| Battery input | (normal = 24 VDC) | = 24 | Zone Trouble Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| | | | Audible Circuit Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |

BACK-UP BATTERY TEST

| Item | Period | | | | | | | | | | | | | Result |
|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|
| | 0.1min | 15min | 30min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | |
| Fire control panel | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NOT PASS |
| Power Unit Ex. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | - | - | - | - | - | - | - | - | - | - | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NOT PASS |

Suggestion :

Remark : A = acceptable, U = unacceptable

Special tool :

Start : 18/06/24 . : . Finished : 18/06/24 . : .

Man x Hours :

Inspected by : [Redacted] Company : RMT Date : 18/06/24

Approved by : [Redacted] Company : RMT Date : 18/06/24



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AUXILIARY POWER SUPPLY PANAL

EQUIPMENT TAG NO. : FA - CP - 03

| Item | Check Point | Result | Remark |
|-------------------------|----------------------|--|--------|
| enclosure | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| inside device | Dust, Rust, Moisture | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Smell, Noise | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Grounding Connection | loosen | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Entry Cables | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Worn Out | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Cable tag. No. | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Internal cleaning | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Control and Power Cable | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Retighten | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |

OPERATING CONDITION

| | | | | |
|----------------------|----------------------|-------|----------------------------|--|
| Power input | (normal = 220 VAC) | = 220 | Lamp test | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| Power output | (normal = 24 VAC) | = 24 | Siren Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| Graphic power input | (normal = 24 VAC) | = 24 | Zone Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| Solenoid power input | (normal = 24 VDC) | = 24 | Zone Trouble Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| Battery input | (normal = 24 VDC) | = 24 | Audible Circuit Alarm Lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |

BACK-UP BATTERY TEST

| Item | Period | | | | | | | | | | | | | Result | |
|----------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|-----------------------------------|
| | 0.1min | 15min | 30min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | | |
| 10 hrs.without alarm | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> PASS | <input type="checkbox"/> NOT PASS |
| 0.5 hr.with alarm | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | - | - | - | - | - | - | - | - | - | - | <input type="checkbox"/> PASS | <input type="checkbox"/> NOT PASS |

Suggestion :

Remark : A = acceptable, U = unacceptable

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : [REDACTED] Company : RMT Date : 18/06/24

Approved by : [REDACTED] Company : RMT Date : 18/06/24



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FIRE ALARM GRAPHIC PANEL

EQUIPMENT TAG NO. : FA - AN - 001

| Item | Check Point | Result | Remark |
|-------------------------|----------------------|--|--------|
| enclosure | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| inside device | Dust, Rust, Moisture | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Smell, Noise | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Grounding Connection | loosen | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Entry Cables | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Worn Out | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Cable tag. No. | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Internal cleaning | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Control and Power Cable | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Retighten | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |

OPERATING CONDITION

Acopian power input (normal = 220 VAC) 220
 Acopian power output (normal = 24 VDC) 24
 Battery input (normal = 24 VDC) 24

Lamp test ☒ Normal ☐ Abnormal
 Zone alarm lamp ☒ Normal ☐ Abnormal
 Zone alarm siren ☒ Normal ☐ Abnormal

Suggestion :

Remark : A = acceptable, U = unacceptable

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : [Signature] Company : RMT Date : 18/06/24Approved by : [Signature] Company : RMT Date : 18/06/24



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MANUAL CALL POINT FIRE ALARM

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--|--|--|--|-----|
| | | | Dust, Rust | Brokrent Part | Ground point | Cable gland | Alarm input | Ground fault | EOL |
| FA-MN-0001 | A41 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0002 | (WP) | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0003 | (WP) | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0004 | (WP) | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0005 | A1 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0006 | A2 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0007 | A4 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0008 | A5 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0009 | A7 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0010 | A7 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0011 | A7 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0012 | A8 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0013 | A8 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0014 | A10 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0015 | A10 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0016 | A14 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0017 | A16 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0018 | A17 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0019 | A19 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0020 | A21 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0021 | A21 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0022 | A21 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0023 | A21 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0024 | A25 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0025 | A25 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0026 | A27 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0027 | A27 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0028 | A28 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0029 | A30 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0030 | A32 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-0031 | A33 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : Company : RMT Date : 18/06/24

Approved by : Company : RMT Date : 18/06/24



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTP - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : 6M

PAGES : 6 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--------------|-------------|--|--|-----|
| | | | Dust, Rust | Brokrent Part | Ground point | Cable gland | Alarm input | Ground fanult | EOL |
| FA-SD-1-1 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1-2 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1-3 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1-4 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1-5 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1-6 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1-7 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1-8 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2-1 | 2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2-2 | 2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2-3 | 2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2-4 | 2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-1 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-2 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-3 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-4 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-5 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-6 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-7 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-8 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-9 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-10 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-11 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-4-12 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-5-1 | 5 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-5-2 | 5 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-5-3 | 5 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-5-4 | 5 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-5-5 | 5 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-6-1 | 6 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-6-2 | 6 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-6-3 | 6 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-6-4 | 6 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-6-5 | 6 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : [Signature] Company : RMT Date : 18/06/24

Approved by : [Signature] Company : RMT Date : 18/06/24



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTP - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : 6M

PAGES : 7 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--------------|-------------|--|--|-----|
| | | | Dust, Rust | Brokent Part | Ground point | Cable gland | Alarm input | Ground fanult | EOL |
| FA-SD-6-6 | 6 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-6-7 | 6 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-1 | 7 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-2 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-3 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-4 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-5 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-6 | 1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-7 | 2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-8 | 2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-9 | 2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-10 | 2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-11 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-12 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-13 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-7-14 | 4 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-8-1 | 8 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-8-2 | 8 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-8-3 | 8 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-8-4 | 8 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-8-5 | 8 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-8-6 | 8 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-8-7 | 8 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-1 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-2 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-3 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-4 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-5 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-6 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-7 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-8 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-9 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-10 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-11 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : Company : RMT Date : 18/06/24

Approved by : Company : RMT Date : 18/06/24



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTF - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : ☒ 6M

PAGES : 8 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--------------|-------------|--|--|-----|
| | | | Dust, Rust | Brokrent Part | Ground point | Cable gland | Alarm input | Ground fanult | EOL |
| FA-SD-9-12 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-9-13 | 9 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-1 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-2 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-3 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-4 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-5 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-6 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-7 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-8 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-9 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-10 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-11 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-10-12 | 10 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-11-1 | 11 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-12-1 | 12 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-13-1 | 13 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-1 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-2 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-3 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-4 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-5 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-6 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-7 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-8 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-9 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-10 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-11 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-12 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-13 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-14 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-15 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-14-16 | 14 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-1 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : [Signature] Company : RMT Date : 18/06/24

Approved by : [Signature] Company : RMT Date : 18/06/24



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTF - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : 6M

PAGES : 9 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--------------|-------------|--|--|-----|
| | | | Dust, Rust | Brokent Part | Ground point | Cable gland | Alarm input | Ground fault | EOL |
| FA-HD-15-2 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-3 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-4 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-5 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-6 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-7 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-8 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-9 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-10 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-11 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-12 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-13 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-14 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-15 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-16 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-17 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-18 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-15-19 | 15 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-16-1 | 16 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-16-2 | 16 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-16-3 | 16 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-16-4 | 16 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-16-5 | 16 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-17-1 | 17 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-17-2 | 17 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-17-3 | 17 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-17-4 | 17 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-17-5 | 17 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-17-6 | 17 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-18-1 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-18-2 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-18-3 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-18-4 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-18-5 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : Company : RMT Date : 18/06/24

Approved by : Company : RMT Date : 18/06/24



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTF - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : 6M

PAGES : 10 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--------------|-------------|--|--|-----|
| | | | Dust, Rust | Brokrent Part | Ground point | Cable gland | Alarm input | Ground fanult | EOL |
| FA-HD-18-5 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-18-6 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-18-7 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-18-8 | 18 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-1 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-2 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-3 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-4 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-5 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-6 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-7 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-8 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-9 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-10 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-11 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-12 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-13 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-19-14 | 19 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-1 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-2 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-3 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-4 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-5 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-6 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-7 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-8 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-9 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-10 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-11 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-12 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-13 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-14 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-15 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-16 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : [Signature] Company : RMT Date : 18/06/24

Approved by : [Signature] Company : RMT Date : 18/06/24



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTF - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : ☒ 6M

PAGES : 11 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--------------|-------------|--|--|-----|
| | | | Dust, Rust | Brokent Part | Ground point | Cable gland | Alarm input | Ground fanult | EOL |
| FA-SD-21-16 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-17 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-18 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-19 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-20 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-21 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-22 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-21-23 | 21 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-1 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-2 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-3 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-4 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-5 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-6 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-7 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-8 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-22-9 | 22 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-23-1 | 23 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-23-2 | 23 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-23-3 | 23 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-23-4 | 23 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-23-5 | 23 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-23-6 | 23 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-1 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-2 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-3 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-4 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-5 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-6 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-7 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-8 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-24-9 | 24 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-1 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-2 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : [Signature] Company : RMT Date : 18/06/24

Approved by : [Signature] Company : RMT Date : 18/06/24



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTP - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : 6M

PAGES : 12 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--------------|-------------|--|--|-----|
| | | | Dust, Rust | Brokrent Part | Ground point | Cable gland | Alarm input | Ground fanult | EOL |
| FA-SD-25-2 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-3 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-4 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-5 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-6 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-7 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-8 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-9 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-10 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-25-11 | 25 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-1 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-2 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-3 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-4 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-5 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-6 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-7 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-8 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-9 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-10 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-11 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-27-12 | 27 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-28-1 | 28 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-28-2 | 28 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-28-3 | 28 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-28-4 | 28 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-28-5 | 28 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-29-1 | 29 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-29-2 | 29 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-30-1 | 30 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-30-2 | 30 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-30-3 | 30 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-30-4 | 30 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-30-5 | 30 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : Company : RMT Date : 18/06/24

Approved by : Company : RMT Date : 18/06/24

ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTP - FAS

DOCUMENT NO. : MA-IE-F-0294

PLANT : CCS ✓

JOB ORDER NO. : 11931014350

INTERVAL : ☒ 6M

PAGES : 13 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|---|---|--------------|-------------|---|---|-----|
| | | | Dust, Rust | Brokrent Part | Ground point | Cable gland | Alarm input | Ground fanult | EOL |
| FA-SD-30-5 | 30 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-30-6 | 30 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-30-7 | 30 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-30-8 | 30 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-1 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-2 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-3 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-4 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-5 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-6 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-7 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-8 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-9 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-10 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-11 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-32-12 | 32 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-1 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-2 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-3 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-4 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-5 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-6 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-7 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-8 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-9 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-10 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-11 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-12 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-SD-33-13 | 33 | SD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| FA-HD-41-1 | 41 | HD | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> U | N/A |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : Finished : 18/06/24 :

Man x Hours :

Inspected by : Company : RMT Date : 18/06/24

Approved by :  Company : RMT Date 18/06/24



ELECTRICAL INSPECTION SHEET

FOR FIRE ALARM SYSTEM

DOCUMENT TAG : EMTP - FAS

DOCUMENT: MA-IE-F-0294

PLANT : CCS

JOB ORDER : 11931014350

INTERVAL : 6M

PAGES : 14 / 14

FIRE ALARM DETECTOR

| EQUIPMENT TAG NO. | ZONE | TYPE | Visual Check | | | | Alarm and function Test | | |
|-------------------|------|------|--|--|--|--|--|--|-----|
| | | | Dust, Rust | Brokent Part | Ground point | Cable gland | Alarm input | Ground fanult | EOL |
| FA-SD-1/1 | DZ#1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1/2 | DZ#1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1/3 | DZ#1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1/4 | DZ#1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-1/5 | DZ#1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/1 | DZ#1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/2 | DZ#1 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/3 | DZ#2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/4 | DZ#2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/5 | DZ#2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/6 | DZ#2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/7 | DZ#2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/8 | DZ#2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/9 | DZ#2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-2/10 | DZ#2 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-3/1 | DZ#3 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-3/2 | DZ#3 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-3/3 | DZ#3 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-3/4 | DZ#3 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-3/5 | DZ#3 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-3/6 | DZ#3 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-3/7 | DZ#3 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-3/8 | DZ#3 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-SD-3/9 | DZ#3 | SD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-HD-3/10 | DZ#3 | HD | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A | N/A | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-1 | DZ#1 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-2 | DZ#1 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-3 | DZ#1 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-4 | DZ#1 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-5 | DZ#3 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |
| FA-MN-6 | DZ#3 | MN | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | N/A |

Remark: A=acceptable, U=unacceptable, MN=Manual Call Point, SD=Smoke Detector, HD=Heat Detector

Special tool :

Start : 18/06/24 : : Finished : 18/06/24 : :

Man x Hours :

Inspected by : [Signature] Company : RMT Date : 18/06/24

Approved by : [Signature] Company : RMT Date : 18/06/24



SCG

ELECTRICAL INSPECTION SHEET

FOR FIRE WATER SPRAY SYSTEM

DOCUMENT TAG : EMTF - FWS

DOCUMENT NO. : MA-IE-F-0295

PLANT : CCS

JOB ORDER NO. : 11931014350

INTERVAL : ☒ 1 Y

PAGES : 1 / 2

FIRE WATER SPRAY CONTROL PANEL

EQUIPMENT TAG NO. : FA - AN - 001

| Item | Check Point | Result | Remark |
|-------------------------|----------------------|--|--------|
| enclosure | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| inside device | Dust, Rust, Moisture | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Smell, Noise | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Grounding Connection | loosen | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Entry Cables | Burning | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Worn Out | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Cable tag. No. | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Internal cleaning | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| Control and Power Cable | Dust, Rust | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Broken Part | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| | Retighten | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |

OPERATING CONDITION

| | | | | |
|----------------------|----------------------|--------|-----------------------------|--|
| Estel power input | (normal = 220 VAC) | = 221 | Lamp test | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| Estel Power output | (normal = 24 VDC) | = 23.8 | Outlet pressure status lamp | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Abnormal |
| Battery input | (normal = 24 VDC) | = 23.8 | | |
| Graphic power input | (normal = 24 VDC) | = 23.4 | | |
| Solenoid power input | (normal = 24 VDC) | = 22.7 | | |

Suggestion :

Remark : A = acceptable, U = unacceptable

Special tool :

Start : 19 / 12 / 21 : : Finished : 19 / 12 / 21 : :

Man x Hours :

Inspected by : [REDACTED] Company : RMT Date : / /

Approved by : [REDACTED] Company : RMT Date : / /

FOR FIRE WATER SPRAY SYSTEM

DOCUMENT NO. : MA-IE-F-0295

JOB ORDER NO. : 11931014350

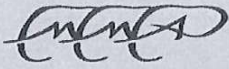
PAGES : 2 / 2

[illegible]

Suggestion : BM 905, 1/2000 Solenoid Gauss

Special tool :

Approved by : Ck Company : QMT Date : 18/06/24



ELECTRICAL INSPECTION SHEET

FOR EMERGENCY LIGHT

EQUIPMENT TAG NO. : EMERGENCY LIGHT
PLANT : CCS
INTERVAL : ☒ 3M ☐ 1Y

DOCUMENT TAG. :
DOCUMENT NO. :
JOB ORDER NO. :
PAGES : 1

EMERGENCY LIGHT TEST

| Equipment name | Visual Inspection (3M,1Y) | | | | Batt.Test (3M) | | Batt.Test (1Y) | | Remark |
|-------------------------|--|--|--|--|--|--|--|--|--------|
| | Mounting & Support | Broken part | Dust/Rust | LIGHT | >= 120 min | >= 120 min | >= 120 min | >= 120 min | |
| 5B9MA3-PB800-4-5-1L3-05 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L3-01 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L3-02 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L3-03 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-02 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-03 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-04 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-5-1L2-06 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-07 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-08 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-09 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-10 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-11 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-12 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-5-1L2-14 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-15 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-5-1L1-01 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-5-1L2-22 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-5-2L1-05 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-2L1-06 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-2L1-07 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |

Remark : A=acceptable, U=unacceptable

Special tool :

Start : 23/09/24 : Finished : 23/09/24 :

Man x hours :

Inspected by : [Signature] Company : RMT Date : 23/09/24

Approved by : [Signature] Company : RMT Date : 23/09/24



ELECTRICAL INSPECTION SHEET

FOR EMERGENCY LIGHT

015-001

EQUIPMENT TAG NO. : EMERGENCY LIGHT
PLANT : CCS
INTERVAL : ☒ 3M ☐ 1Y

DOCUMENT TAG. :

DOCUMENT NO. :

JOB ORDER NO. :

PAGES : 1

EMERGENCY LIGHT TEST

| Equipment name | Visual Inspection (3M,1Y) | | | | Batt.Test (3M) | | Batt.Test (1Y) | | Remark |
|-------------------------|--|--|--|--|--|--|--|--|--------|
| | Mounting & Support | Broken part | Dust/Rust | LIGHT | >= 120 min | >= 120 min | | | |
| 5B9MA3-PB800-4-5-1L2-35 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L2-38 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-10 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-11 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-12 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-13 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-14 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-15 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-16 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
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| 5B9MA3-PB800-4-5-1L3-20 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-21 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
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| 5B9MA3-PB800-4-5-1L3-23 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-1L3-24 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-2L1-08 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-2L1-09 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-2L2-10 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-2L2-11 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-5-2L2-12 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
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| 5B9MA3-PB800-4-5-2L3-11 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L-09 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L-10 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L-11 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L-12 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L-13 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L2-06 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L2-08 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L2-09 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L2-10 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L2-11 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-PB800-4-6-1L2-12 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
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| 5B9MA3-EXAD01 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-EXAD02 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-EXAD03 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| 5B9MA3-EXAD05 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | | |
| | | | | | | | | | |

Remark : A=acceptable, U=unacceptable

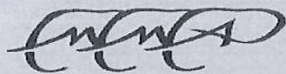
Special tool :

Start : 23/09/24 : Finished : 23/09/24 :

Man x hours :

Inspected by : [Signature] Company : RMT Date : 23/09/24

Approved by : [Signature] Company : RMT Date : 23/09/24



ELECTRICAL INSPECTION SHEET

FOR EMERGENCY LIGHT

EQUIPMENT TAG NO. : EMERGENCY LIGHT

PLANT : CCS

INTERVAL : ☒ 3M ☐ 1Y

DOCUMENT TAG. :

DOCUMENT NO. :

JOB ORDER NO. :

PAGES : 1

EMERGENCY LIGHT TEST

| Equipment name | Visual Inspection (3M,1Y) | | | | Batt.Test (3M) | Batt.Test (1Y) | Remark |
|-------------------------|--|--|--|--|--|--|--------|
| | Mounting & Support | Broken part | Dust/Rust | LIGHT | >= 120 min | >= 120 min | |
| 5B9MA3-PB800-4-5-1L2-33 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-34 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-39 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L2-40 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-5-1L3-26 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L3-27 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-5-1L3-31 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L3-32 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L3-33 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-PB800-4-5-1L3-34 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-5-1L3-36 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-PB800-4-6-1L1-18 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-EM-AD02 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-EM-AD04 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-EM-AD05 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
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| 5B9MA3-EM-AD07 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |
| 5B9MA3-EM-AD08 | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | <input checked="" type="checkbox"/> A <input type="checkbox"/> U | |

Remark : A=acceptable, U=unacceptable

Special tool :

Start : 23/09/24 Finished : 23/09/24

Man x hours :

Inspected by : [Signature] Company : RMT Date : 23/09/24

Approved by : [Signature] Company : RMT Date : 23/09/24

ELECTRICAL INSPECTION SHEET

FOR EMERGENCY LIGHT

EQUIPMENT TAG NO. : EMERGENCY LIGHT

PLANT : CCS

INTERVAL : ☒ 3M ☐ 1Y

DOCUMENT TAG. :

DOCUMENT NO. :

JOB ORDER NO. :

| | | |
|-------|---|---|
| PAGES | : | 1 |
|-------|---|---|

EMERGENCY LIGHT TEST


[illegible]

Special tool :

Start : 23/09/24 : ____ Finished : 23/09/24 : ____

Man x hours :

Inspected by: [REDACTED] Company: RMT Date: 23/09/24

Approved by :  Company : BMT Date : 23/09/24



รายงาน

การตรวจสอบระบบอุปกรณ์ไฟฟ้าในโรงงานอุตสาหกรรม

เอกสารรับรองความปลอดภัยของระบบไฟฟ้า

ประจำปี พ.ศ.2567

บริษัท ไทย เอ็มเอ็มเอ จำกัด

น. 44-1 /2551-นอล.

เสนอ

สำนักเทคโนโลยีความปลอดภัย

กรมโรงงานอุตสาหกรรม กระทรวงอุตสาหกรรม

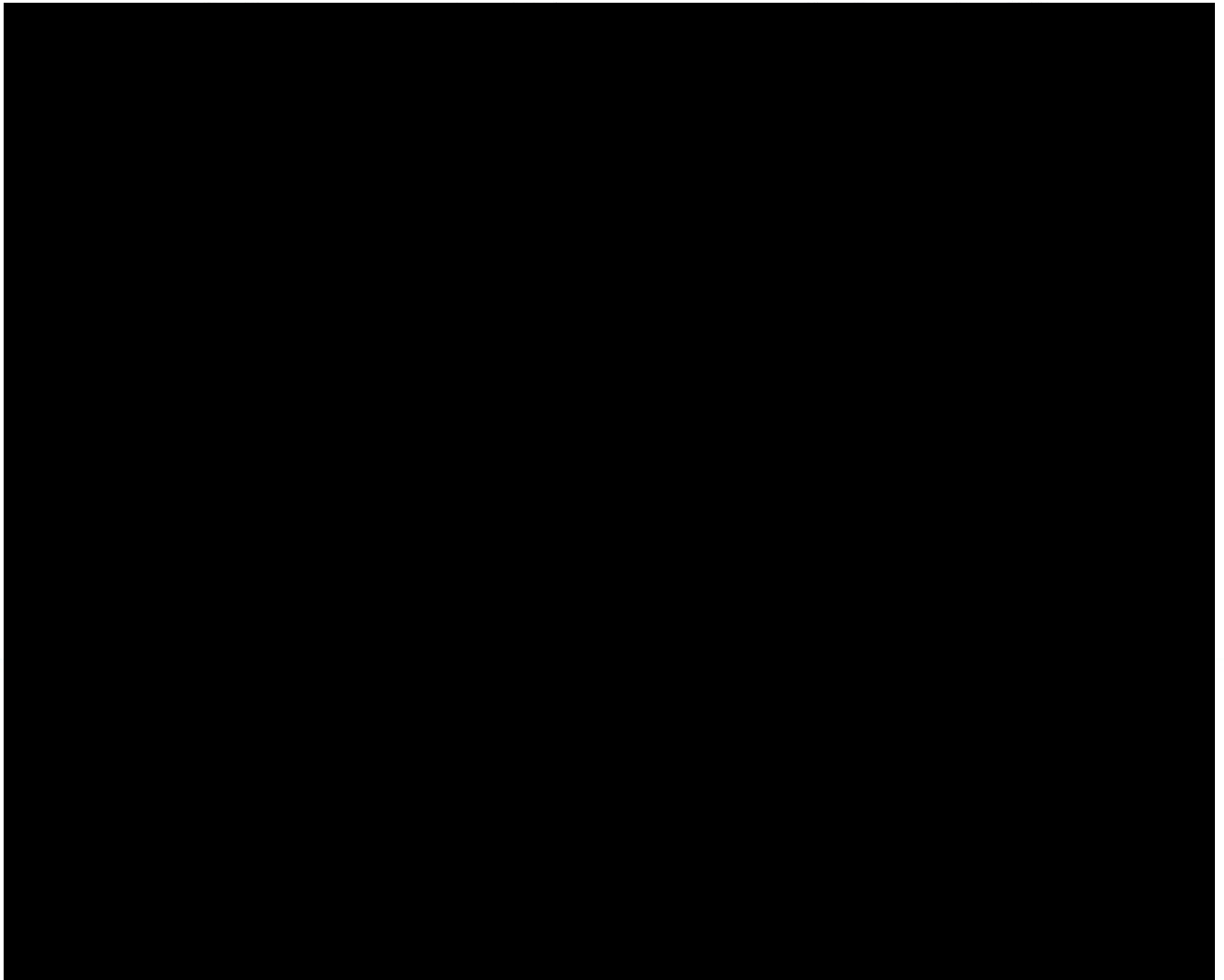
สำนักเทคโนโลยีความปลอดภัย
กรมโรงงานอุตสาหกรรม

สำหรับเจ้าหน้าที่รับเรื่อง

รหัส.....

เลขที่รับ.....วันที่.....

เอกสารรับรองความปลอดภัยของระบบไฟฟ้า



หมายเหตุ

1. ผู้ตรวจสอบต้องเป็นผู้ได้รับอนุญาตให้ประกอบวิชาชีพวิศวกรรมควบคุมตามพระราชบัญญัติวิศวกร พ.ศ. 2542
2. ให้เอกสารรับรองฉบับนี้ 1 ฉบับต่อทะเบียนโรงงาน 1 โรง

สำนักเทคโนโลยีความปลอดภัย

กรมโรงงานอุตสาหกรรม

สำหรับเจ้าหน้าที่รับเรื่อง

รหัส.....

เลขที่รับ..... วันที่.....

รายงานการตรวจสอบระบบและอุปกรณ์ไฟฟ้าในโรงงานอุตสาหกรรม

ชื่อผู้ประกอบการ..... บริษัท ไทย เอ็มเอ็มเอ จำกัด

ชื่อโรงงาน..... บริษัท ไทย เอ็มเอ็มเอ จำกัด..... ตั้งอยู่เลขที่..... 88/6..... หมู่ที่..... -

ซอย..... ถนน..... สุขุมวิท..... แขวง/ตำบล..... มาบตาพุด

เขต/อำเภอ..... เมือง..... จังหวัด..... ระยอง..... โทร..... 038-937730

โทรสาร..... -

ประกอบกิจการ..... ผลิตแผ่นอะครีลิกแบบต่อเนื่อง..... ลำดับที่..... -

ทะเบียนโรงงานเลขที่..... น. 44-1 /2551-นอล..... ใบอนุญาตหมดอายุวันที่..... -

[] การไฟฟ้านครหลวง [/] การไฟฟ้าส่วนภูมิภาค [] มีเครื่องกำเนิดไฟฟ้า [].....

- ระบบไฟฟ้าที่ใช้ในโรงงาน...3...เฟส...4...สาย... 400/230... V

- ขนาดของมิเตอร์.....CTx3 600/5.....A.....11 kV.....

- หม้อแปลงไฟฟ้า (Transformer) [/] มี [] ไม่มี

- ขนาดพิกัดรวม.....4665.....kVA, ประเภท (Type)..... Fully with oil

จำนวน.....5.....ลูก ลักษณะการติดตั้งของแต่ละลูก..... ติดตั้งบนถาดหม้อแปลง

- คณะแปซิเตอร์ (Capacitor Bank) [/] มี [] ไม่มี

ตัวประกอบกำลังไฟฟ้า (power factor).....0.95..... [] lead [/] lag

ปริมาณกระแสเฉลี่ย (Average Current).....400 A.....

ปริมาณกระแสสูงสุด (Maximum Current).....450 A.....

การจัดโหลดเพื่อให้เฟสสมดุล (Balance load) [/] เหมาะสม.....

[] ไม่เหมาะสม.....

- ปริมาณการใช้พลังงานไฟฟ้า.....950,000.....kWh / เดือน (โดยประมาณ)

- ขนาดสายเมน (Main Feeder).....3(1x300 mm²).....

- ระบบเมนสวิตช์ [] คัทเอาต์ขนาด.....ฟิวส์ขนาด.....

[/] เบรกเกอร์ แบบ..... VCB.....

ขนาด.....630 A.....

- ระบบสายดิน

- ตู้เมน ☒ มีขนาด 120 mm² ☐ ไม่มี ☐ ต้องแก้ไข.....
- อุปกรณ์และเครื่องจักรต่าง ๆ ☒ มีถูกต้อง ☐ ไม่ถูกต้อง/ไม่ครบถ้วน ☐ ไม่มี ☐ ต้องแก้ไข

- สายไฟและทางเดินสายไฟฟ้ามีสภาพ

☒ เรียบร้อย☐ ต้องแก้ไข.....

- อุปกรณ์ไฟฟ้ามีสภาพ

☒ เรียบร้อย☐ ต้องแก้ไข.....

- เครื่องจักรและเครื่องใช้ไฟฟ้ามีสภาพ

☒ เรียบร้อย☐ ต้องแก้ไข.....- พื้นที่จัดเก็บวัสดุไวไฟและวัตถุที่ติดไฟได้ง่าย ☒ มี ☐ ไม่มี

- การติดตั้งและใช้อุปกรณ์ไฟฟ้า ☒ ไม่มี ☐ มีเป็นชนิด..... ☐ ต้องแก้ไข.....
- การจัดเก็บวัสดุไวไฟที่ต้องมีระบบความปลอดภัยพิเศษ เช่น ดึงแก๊ส ☒ ไม่มี ☐ มี

- ระบบป้องกันฟ้าผ่า ☒ มีถูกต้อง ☐ มีรายละเอียดตามที่แนบ ☐ ไม่มี☐ ต้องแก้ไข.....

สภาพระบบไฟฟ้าโดยรวมและความคิดเห็น

.....ระบบไฟฟ้าและอุปกรณ์ไฟฟ้าในโรงงานอยู่ในสภาพพร้อมใช้งานได้ปกติ.....

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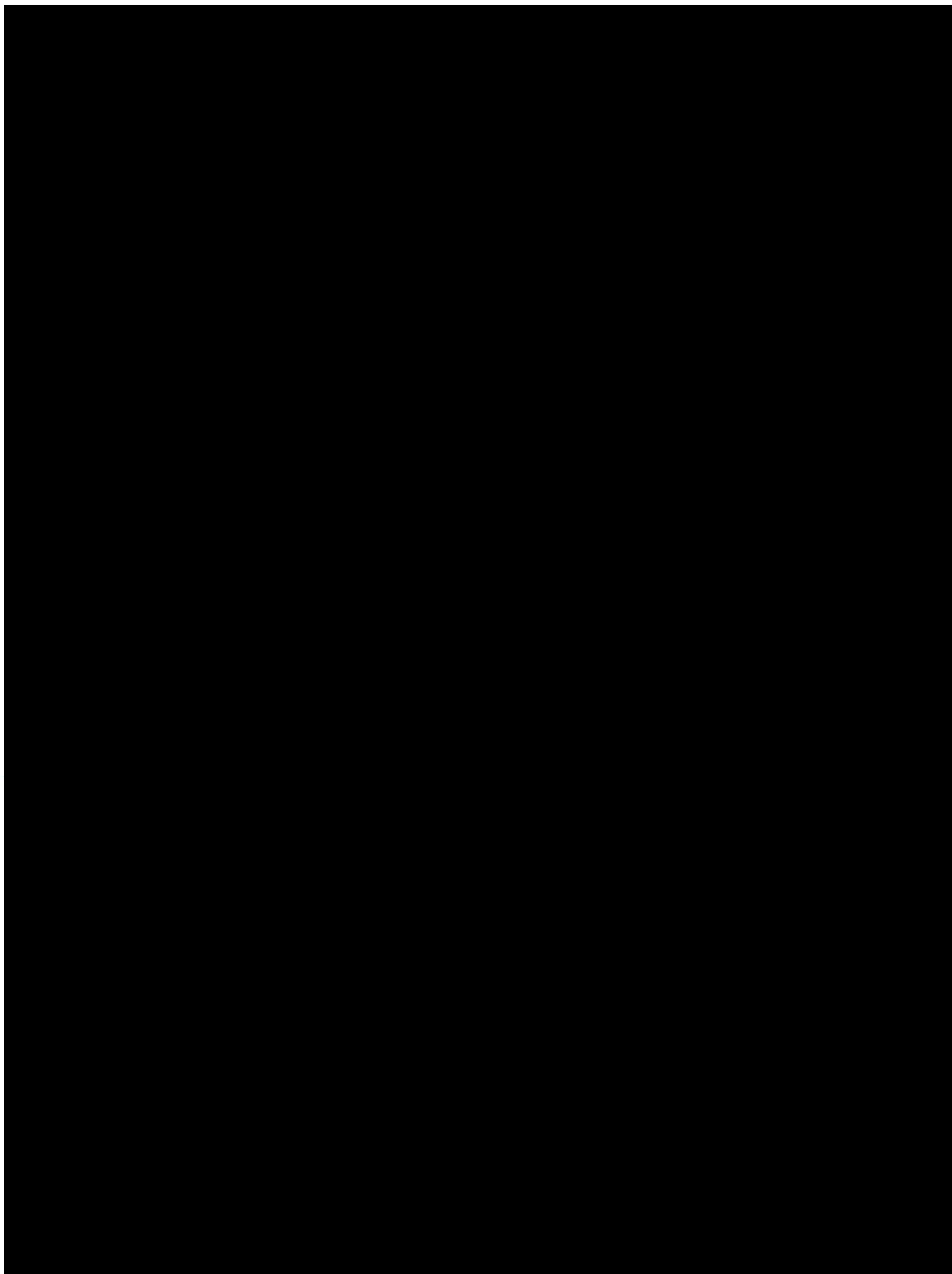
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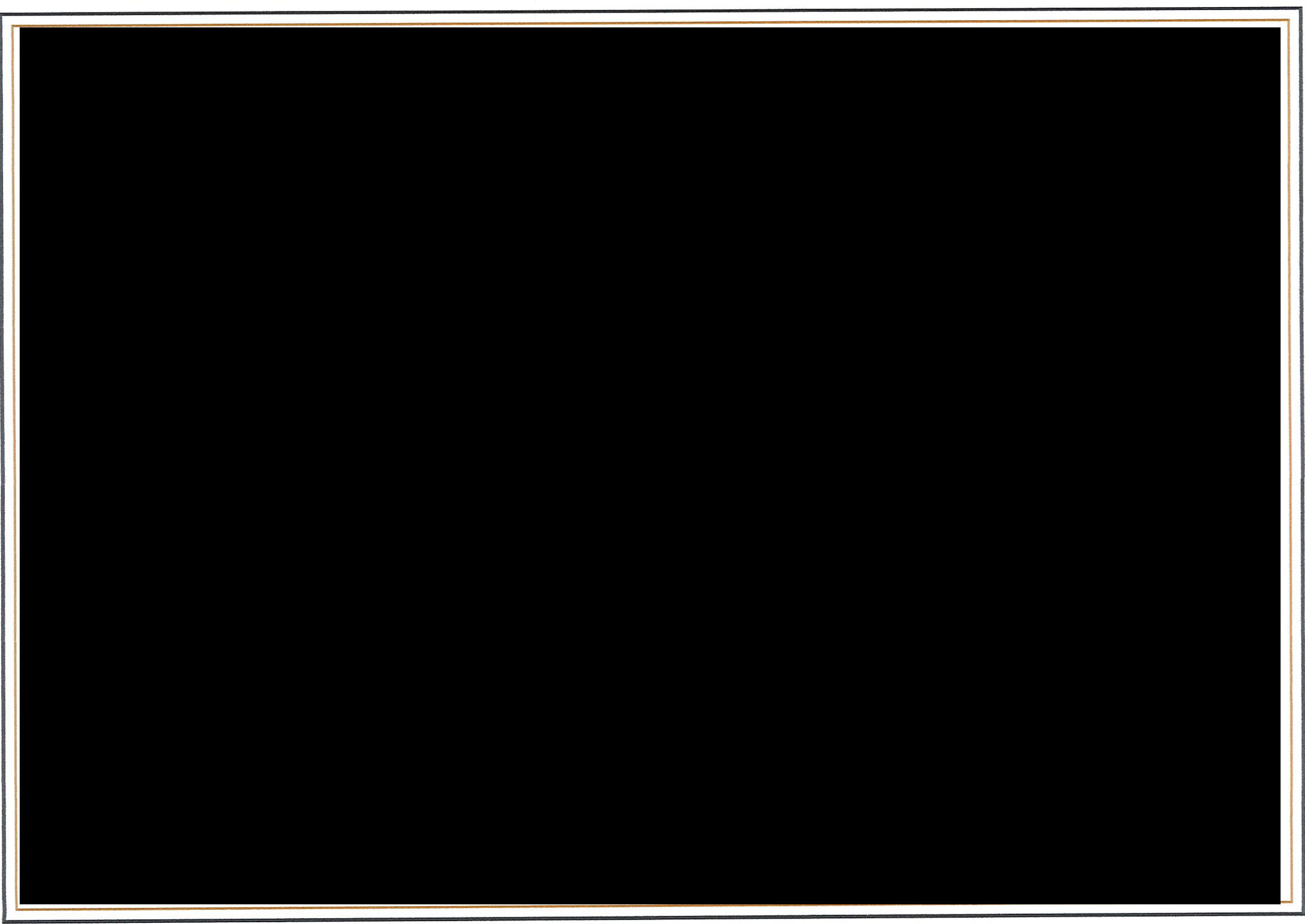
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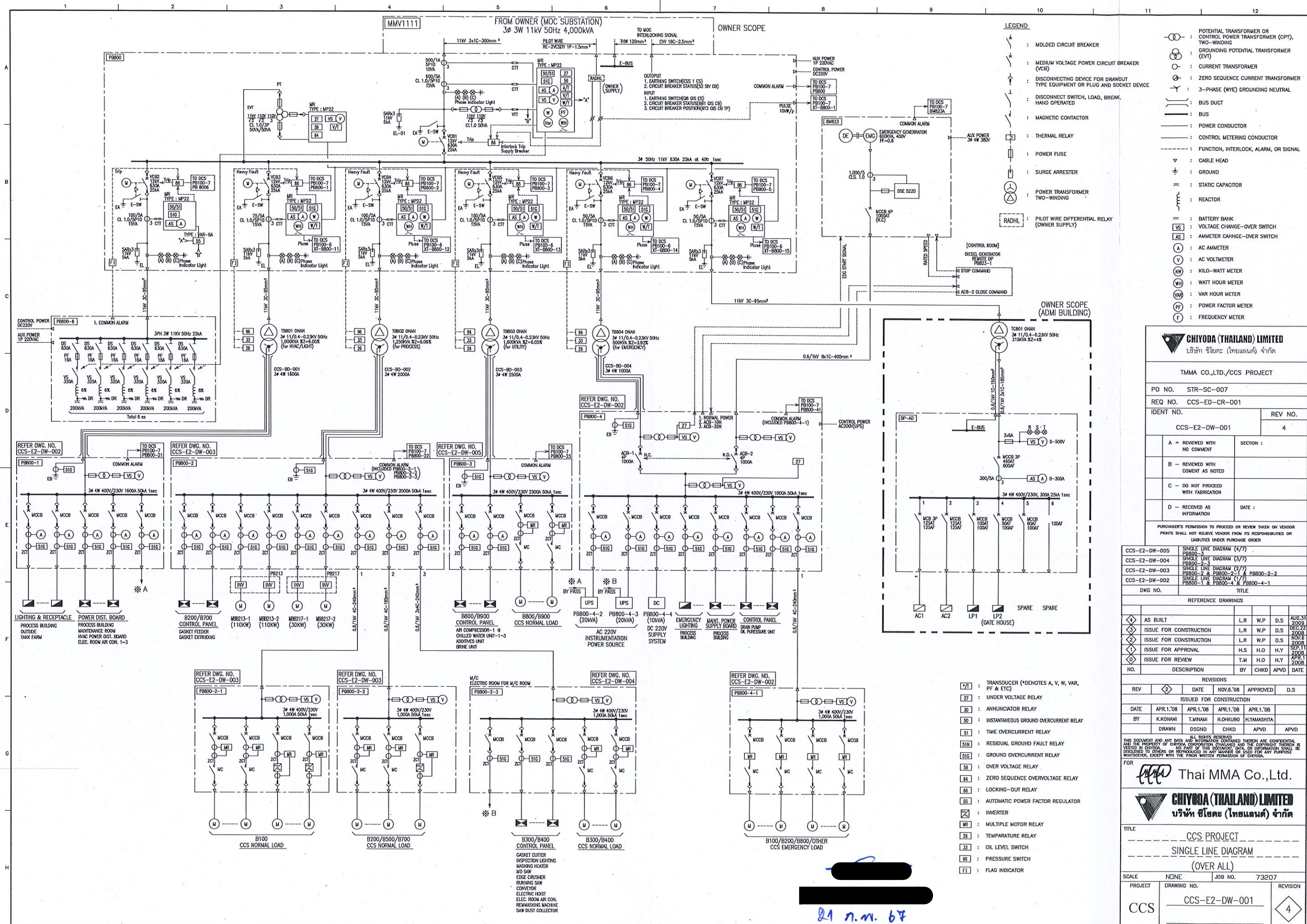
.....

ลงชื่อ.....วิศวกรผู้ตรวจสอบ

.....21.../....ก.พ...../...67...







CHUYODA (THAILAND) LIMITED

บริษัท ชัยโยธา (ไทยแลนด์) จำกัด

TMMA CO.,LTD./CCS PROJECT

PO NO. STR-SC-007

REQ NO. CCS-E0-CR-001

IDENT NO. CCS-E2-DW-001

REV NO. 4

AS BUILT

ISSUE FOR CONSTRUCTION

ISSUE FOR CONSTRUCTION

ISSUE FOR APPROVAL

ISSUE FOR REVIEW

NO.

DESCRIPTION

BY

CHKD

APVD

DATE

REV

DATE

NOV.08

APPROVED

D.S

ISSUED FOR CONSTRUCTION

DATE

APR.1'08

APR.1'08

APR.1'08

APR.1'08

BY

T.M.NAMI

H.O.KUBO

H.YAMASHITA

DRAWN

DSGND

CHKD

APVD

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FOR

Thai MMA Co.,Ltd.

CHUYODA (THAILAND) LIMITED

บริษัท ชัยโยธา (ไทยแลนด์) จำกัด

TITLE

CCS PROJECT

SINGLE LINE DIAGRAM

(OVER ALL)

SCALE

NONE

JOB NO.

73207

PROJECT

CCS

DRAWING NO.

CCS-E2-DW-001

REVISION

4

WORK NO.

CCS-E2-DW-001_r4.dwg

841 X 594 SIZE A1

21 ก.ม. 67

บันทึกผลการตรวจสอบและรับรองระบบไฟฟ้าและบริษัทไฟฟ้า
กรมสวัสดิการและคุ้มครองแรงงาน กระทรวงแรงงาน

หมายเหตุ วิศวกรผู้ตรวจสอบ หมายถึง วิศวกรตามคำนิยาม “วิศวกร” ในกฎกระทรวงกำหนดมาตรฐานในการบริหาร จัดการ และดำเนินการด้านความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงานเกี่ยวกับไฟฟ้า พ.ศ. ๒๕๕๘ เป็นผู้ตรวจสอบ และรับรองระบบไฟฟ้าและบริษัทไฟฟ้าจนกว่าจะมีบุคคลที่ขึ้นทะเบียนตามมาตรา ๙ หรือนิติบุคคลที่ได้รับใบอนุญาต ตามมาตรา ๑๑ แห่งพระราชบัญญัติความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน พ.ศ. ๒๕๕๔

๑. ข้อมูลทั่วไป

- ระบบไฟฟ้าที่ใช้ในสถานประกอบกิจการ๕๐๐/๒๓๐...โวลต์๓.....เฟส๕.....สาย
- ขนาดเครื่องวัดหน่วยไฟฟ้า๖๐๐/๕...แอมแปร์๑๑.....กิโลโวลต์.....๓.....เฟส๓.....สาย
- หมายเลขเครื่องวัด
- ปริมาณการใช้พลังงานไฟฟ้าสูงสุดในรอบ ๑๒ เดือนที่ผ่านมา.....๙๕๐๐๐๐..... กิโลวัตต์
- หม้อแปลงกำลัง จำนวน.....๕.....เครื่อง รวม.....๕๖๖๕.....เควีเอ
- เครื่องกำเนิดไฟฟ้า/เครื่องกำเนิดไฟฟ้าสำรอง จำนวน.....๑.....เครื่อง รวม๖๐๐.....เควีเอ
- ผู้รับผิดชอบระบบไฟฟ้า ๑.....ตำแหน่ง.....
- ๒.....ตำแหน่ง.....
- แบบการติดตั้งระบบไฟฟ้าจริง (As built Drawing)
- ☒ มี ☐ ไม่มี เหตุผล

๒. รายการตรวจสอบ

| อุปกรณ์ | รายการตรวจสอบ | ใช้ได้ | ควรปรับปรุง | ต้องแก้ไข | คำแนะนำ/ความเห็น |
|------------|--|--------|-------------|-----------|------------------|
| ๒.๑ แรงสูง | ๒.๑.๑ สายอากาศ : | | | | |
| | - สภาพเสา | /// | | | |
| | | | | | |
| | | | | | |
| | - การประกอบอุปกรณ์หัวเสา | /// | | | |
| | | | | | |
| | | | | | |
| | - สายยึดโยง (Guy Wire) | /// | | | |
| | | | | | |
| | | | | | |
| | - การพาดสาย (สภาพสาย ระยะหย่อนยาน) | /// | | | |
| | - ระยะห่างของสายกับอาคาร สิ่งก่อสร้าง หรือต้นไม้ | /// | | | |
| | - การติดตั้งล่อฟ้าและสภาพ | /// | | | |
| | - สภาพของจุดต่อสาย | /// | | | |
| | - การต่อลงดินและสภาพ | /// | | | |

| อุปกรณ์ | รายการตรวจสอบ | ใช้ได้ | ควรปรับปรุง | ต้องแก้ไข | คำแนะนำ/ความเห็น |
|--------------|--|--------------------------------------|-------------|-----------|------------------|
| | ๒.๑.๒ การติดตั้งเครื่องปลดวงจรต้นทาง (ส่วนของผู้ใช้ไฟ) : - ครอบฟิวส์คัทเอาท์ - สวิตช์ตัดตอน (Disconnecting Switch) - RMU - อื่นๆ | <div> <div></div> <div></div> </div> | | | |
| | ๒.๑.๓ อื่นๆ : | | | | |
| ๒.๒ หม้อแปลง | ๒.๒.๑ หม้อแปลงลูกที่๑-๕..... ขนาดรวม ๔๖๖๕...kVA แรงดัน๑๑...kV Impedance Voltage๖.....% ชนิด <input checked="" type="radio"/> Oil <input type="radio"/> Dry <input type="radio"/> อื่นๆ | <div> <div></div> </div> | | | |
| | ๒.๒.๒ การติดตั้ง <input type="radio"/> นั้งร้าน <input type="radio"/> แบบแขวน <input checked="" type="radio"/> ลานหม้อแปลง <input type="radio"/> ในห้องหม้อแปลง <input type="radio"/> อื่นๆ | <div> <div></div> </div> | | | |
| | ๒.๒.๓ เครื่องป้องกันกระแสเกินด้านไฟเข้า แบบVCB..... พิกัดกระแส๖๓๐.A./๒๕ kA | <div> <div></div> </div> | | | |

| อุปกรณ์ | รายการตรวจสอบ | ใช้ได้ | ควรปรับปรุง | ต้องแก้ไข | คำแนะนำ/ความเห็น |
|---------|---|------------------|-------------|-----------|------------------|
| | ๒.๒.๔ การต่อสาย แรงต่ำและสูงที่หม้อแปลง | ✓ | | | |
| | ๒.๒.๕ การติดตั้งล่อฟ้าแรงสูง (Lightning Arrester) | ✓ | | | |
| | ๒.๒.๖ การติดตั้งครอบฟิวส์คัทเอาท์ | ✓ | | | |
| | ๒.๒.๗ การป้องกันการสัมผัสส่วนที่มีไฟฟ้า | ✓ | | | |
| | ๒.๒.๘ สายดินกับตัวถังหม้อแปลงและล่อฟ้าแรงสูง | ✓ | | | |
| | ๒.๒.๙ สายดินของหม้อแปลง - สภาพหลักดินและจุดต่อ - สายต่อหลักดิน ชนิดTHW...ขนาด๗๐...mm ² - สภาพสายดินและจุดต่อ | ✓ ✓ ✓ | | | |
| | ๒.๒.๑๐ สภาพภายนอกหม้อแปลง - สารดูดความชื้น - สภาพบุชชิ่ง - ปริมาณและการรั่วซึมของน้ำมันหม้อแปลง - อุณหภูมิหม้อแปลง | ✓ ✓ ✓ ✓ | | | |
| | ๒.๒.๑๑ สภาพแวดล้อมหม้อแปลง - การระบายอากาศ - ความชื้น - สภาพรั้วกัน/ลานและการต่อลงดิน - สภาพทั่วไป | ✓ ✓ ✓ ✓ | | | |
| | ๒.๒.๑๒ อื่นๆ : | | | | |

| อุปกรณ์ | รายการตรวจสอบ | ใช้ได้ | ควรปรับปรุง | ต้องแก้ไข | คำแนะนำ/ความเห็น |
|----------------------|---|--------|-------------|-----------|------------------|
| ๒.๓ ตู้เมน สวิตช์ | ๒.๓.๑ ตู้เมนสวิตช์ที่ รับจากหม้อแปลงที่ <input type="radio"/> ติดตั้งภายนอกอาคาร <input checked="" type="radio"/> ติดตั้งภายในอาคาร <input type="radio"/> อื่นๆ - สภาพทั่วไป - จุดต่อสายและจุดต่อบัสบาร์ - ที่ว่างเพื่อปฏิบัติงานที่จุดติดตั้งตู้เมนสวิตช์ - แสงสว่างเหนือที่ว่างเพื่อปฏิบัติงาน - การต่อฝาก - การป้องกันส่วนสัมผัสที่มีไฟฟ้า - บ้ายชื่อและแผนภาพเส้นเดียว (Single Line Diagram) ของเมนสวิตช์ | /// | | | |
| | ๒.๓.๒ เครื่องป้องกันกระแสเกิน ชนิด VCB ๑ ชุด (Main) IC ๖๓๐ A แรงดัน ๑๒ kV พิกัดกระแส AT ๓๑.๕ A AF ๓๑.๕ A | /// | | | |
| | ๒.๓.๓ สายดินของแผงสวิตช์ - สภาพหลักดินและจุดต่อ - สายต่อหลักดิน ชนิด XLPE ขนาด ๑๒๐ mm ² - สภาพสายดินและจุดต่อ | /// | | | |
| | ๒.๓.๔ อนุมัติของอุปกรณ์ <input checked="" type="radio"/> ปกติ <input type="radio"/> ผิดปกติ | /// | | | |
| | ๒.๓.๕ อื่นๆ : | | | | |

| อุปกรณ์ | รายการตรวจสอบ | ใช้ได้ | ควรปรับปรุง | ต้องแก้ไข | คำแนะนำ/ความเห็น |
|--------------------------|---|--------|-------------|-----------|------------------|
| ๒.๔ แรงต่ำ ภายในอาคาร | ๒.๔.๑ วงจรเมน (Main Circuit) | / | | | |
| | ๒.๔.๑.๑ สายเข้าเมนสวิตช์ | | | | |
| | - สายเฟส ชนิด CV ขนาด ๓x๑C-๓๐๐ mm ² | / | | | |
| | - สายนิวทรัล ชนิด CV ขนาด ๓x๑C-๓๐๐ mm ² | / | | | |
| | เดินใน <input checked="" type="radio"/> ท่อร้อยสาย (Conduit) | / | | | |
| | <input type="radio"/> รางเดินสาย (Wire Way) | / | | | |
| | <input checked="" type="radio"/> รางเคเบิล (Cable Tray) | / | | | |
| | แบบ | | | | |
| | <input type="radio"/> ลูกถ้วยร่ายยึดสาย (Rack) | | | | |
| | <input type="radio"/> อื่นๆ | | | | |
| | ๒.๔.๑.๒ รางเดินสายและรางเคเบิล | | | | |
| | - สภาพการติดตั้งและใช้งาน | / | | | |
| | - ความต่อเนื่องทางไฟฟ้า การต่อฝากและ การต่อลงดิน | / | | | |
| | ๒.๔.๑.๓ สภาพฉนวนสายไฟ | / | | | |
| | ๒.๔.๑.๔ สภาพจุดต่อของสาย | / | | | |
| | ๒.๔.๑.๕ การป้องกันความร้อนจากการเหนี่ยวนำ | / | | | |
| | ๒.๔.๑.๖ อุณหภูมิของอุปกรณ์ | / | | | |
| | <input checked="" type="radio"/> ปกติ <input type="radio"/> ผิดปกติ | | | | |
| | ๒.๔.๑.๗ อื่นๆ : | | | | |

๓. สรุปผลการตรวจสอบระบบไฟฟ้าและบริษัทไฟฟ้า

- ☒ ใช้งานได้ ทั้งนี้ ระบบไฟฟ้าและบริษัทไฟฟ้าต้องมีการบำรุงรักษาอย่างถูกวิธีและตามหลักวิชาการทางด้านวิศวกรรมศาสตร์
- ☐ ใช้งานได้ แต่ต้องแก้ไขตามรายงานการตรวจสอบภายใน.....วัน

ความเห็นและข้อเสนอแนะ

.....ระบบไฟฟ้าสามารถใช้งานได้อย่างปลอดภัย.....

.....

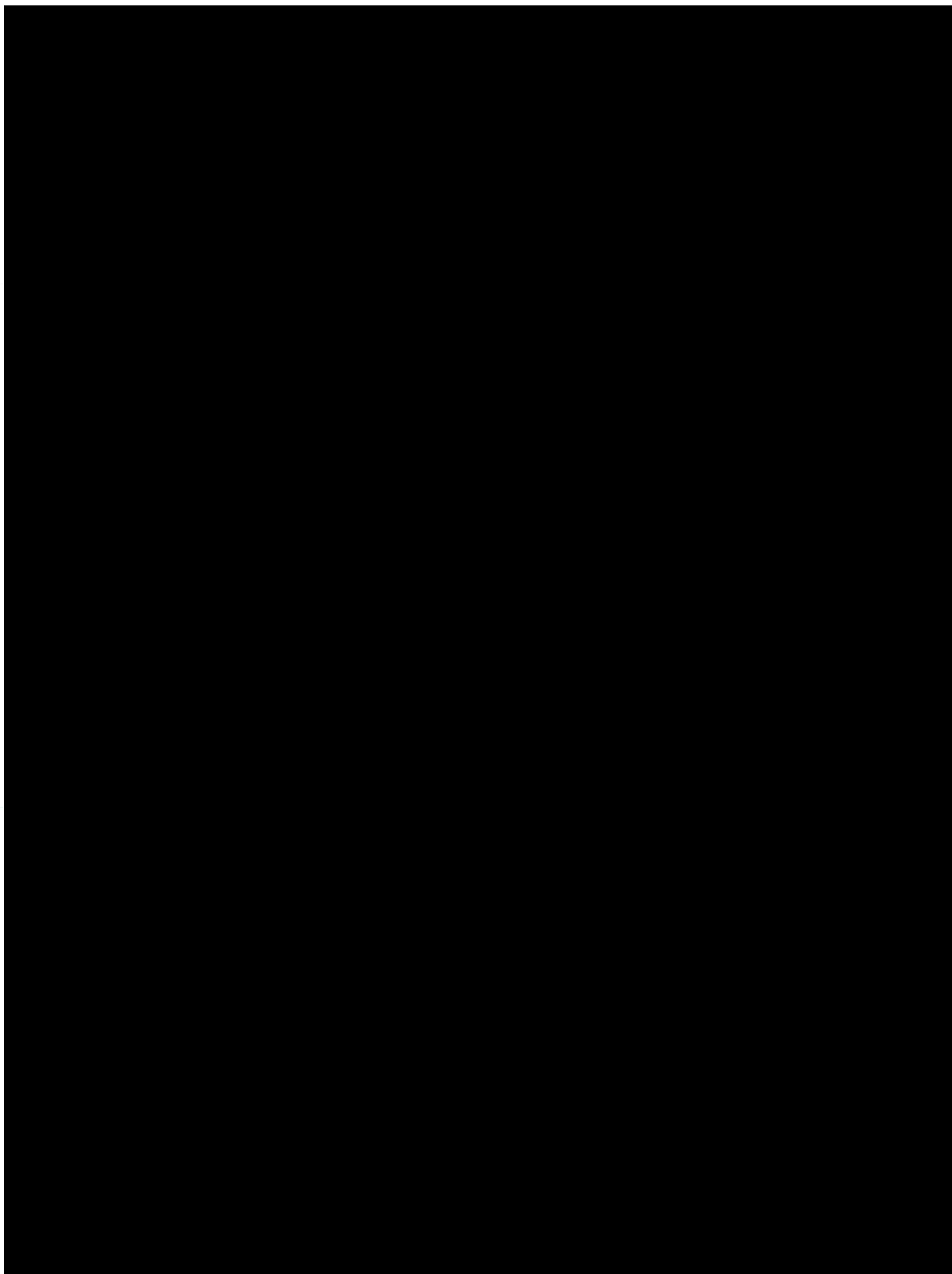
.....

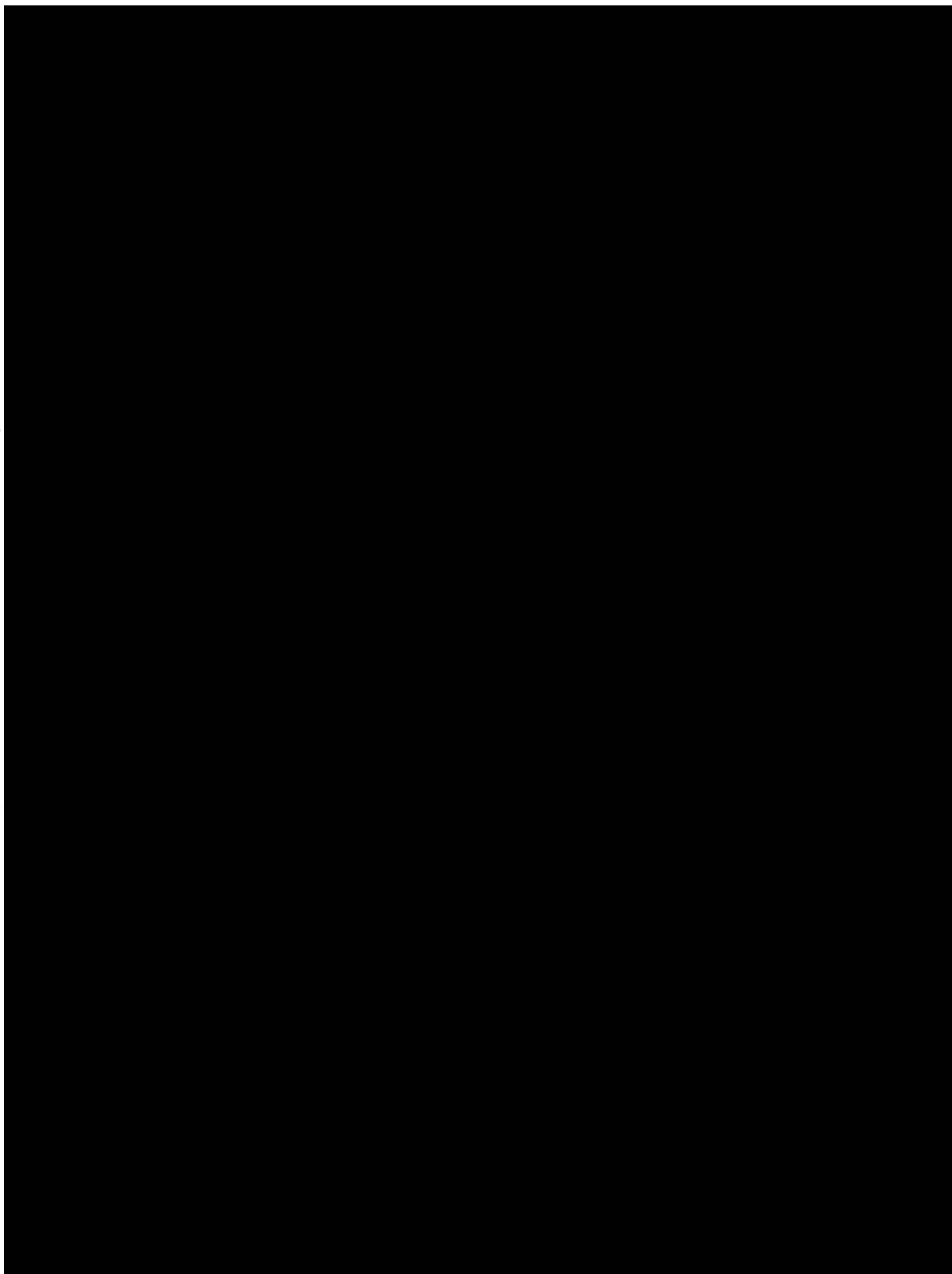
ลงชื่อ

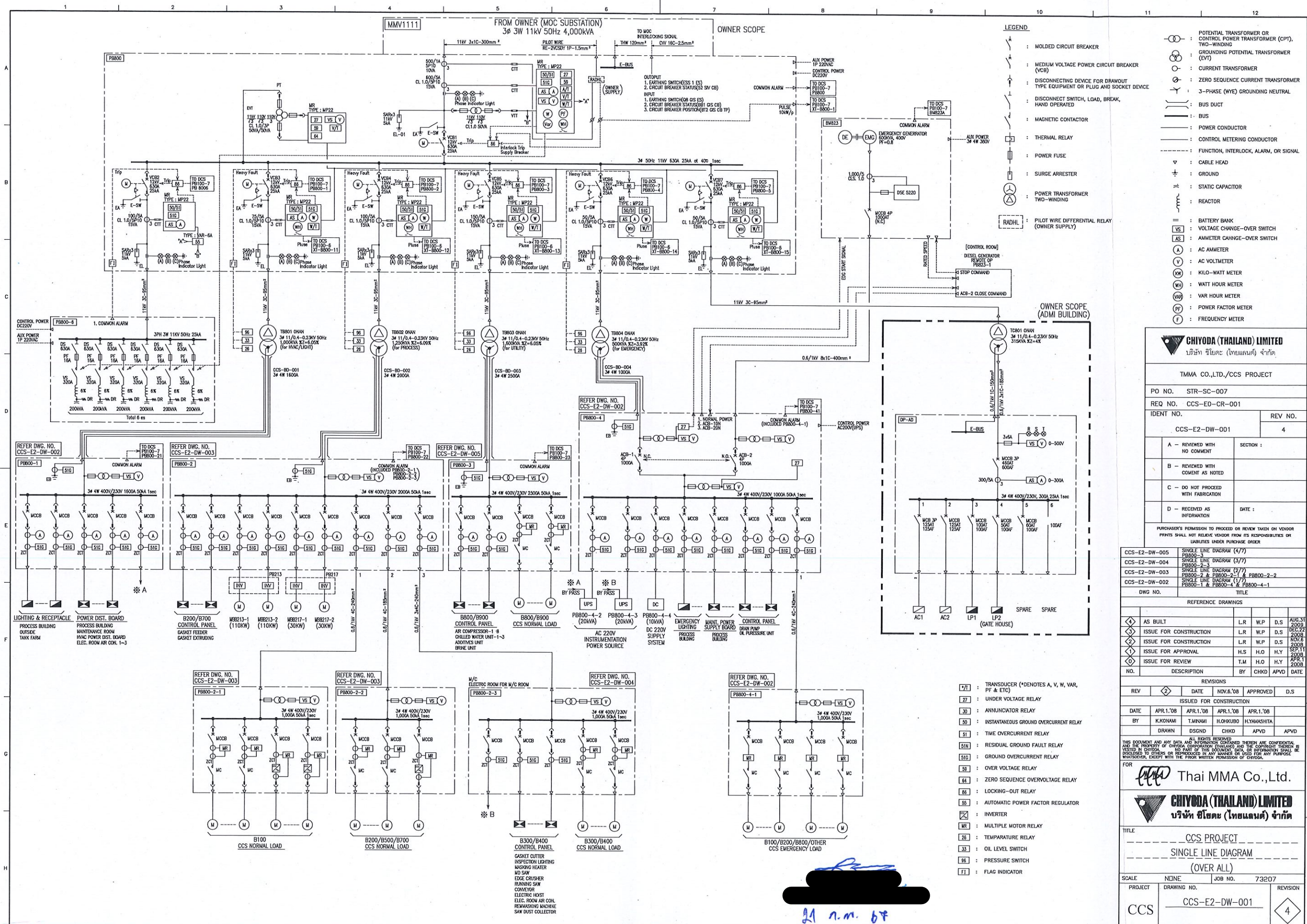
(.....)

วิศวกรผู้ตรวจสอบ

วันที่ ..๒๑.กุมภาพันธ์ ๒๕๖๗.....







CHIYODA (THAILAND) LIMITED

บริษัท ชิโยดา (ไทยแลนด์) จำกัด

TMM CO., LTD./CCS PROJECT

PO NO. STR-SC-007

REQ NO. CCS-E0-CR-001

IDENT NO. CCS-E2-DW-001

REV NO. 4

AS BUILT

ISSUE FOR CONSTRUCTION

ISSUE FOR CONSTRUCTION

ISSUE FOR APPROVAL

ISSUE FOR REVIEW

NO.

DESCRIPTION

BY

CHKD

APVD

DATE

REV

DATE

NOV. 08

APPROVED

D.S

ISSUED FOR CONSTRUCTION

DATE

APR. 1'08

APR. 1'08

APR. 1'08

APR. 1'08

BY

T.MIRAMI

H.OHUBO

HYAMASHITA

DRAWN

DSGND

CHKD

APVD

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FOR

Thai MMA Co., Ltd.

CHIYODA (THAILAND) LIMITED

บริษัท ชิโยดา (ไทยแลนด์) จำกัด

TITLE

CCS PROJECT

SINGLE LINE DIAGRAM

(OVER ALL)

SCALE

NONE

JOB NO.

73207

PROJECT

DRAWING NO.

CCS-E2-DW-001

REVISION

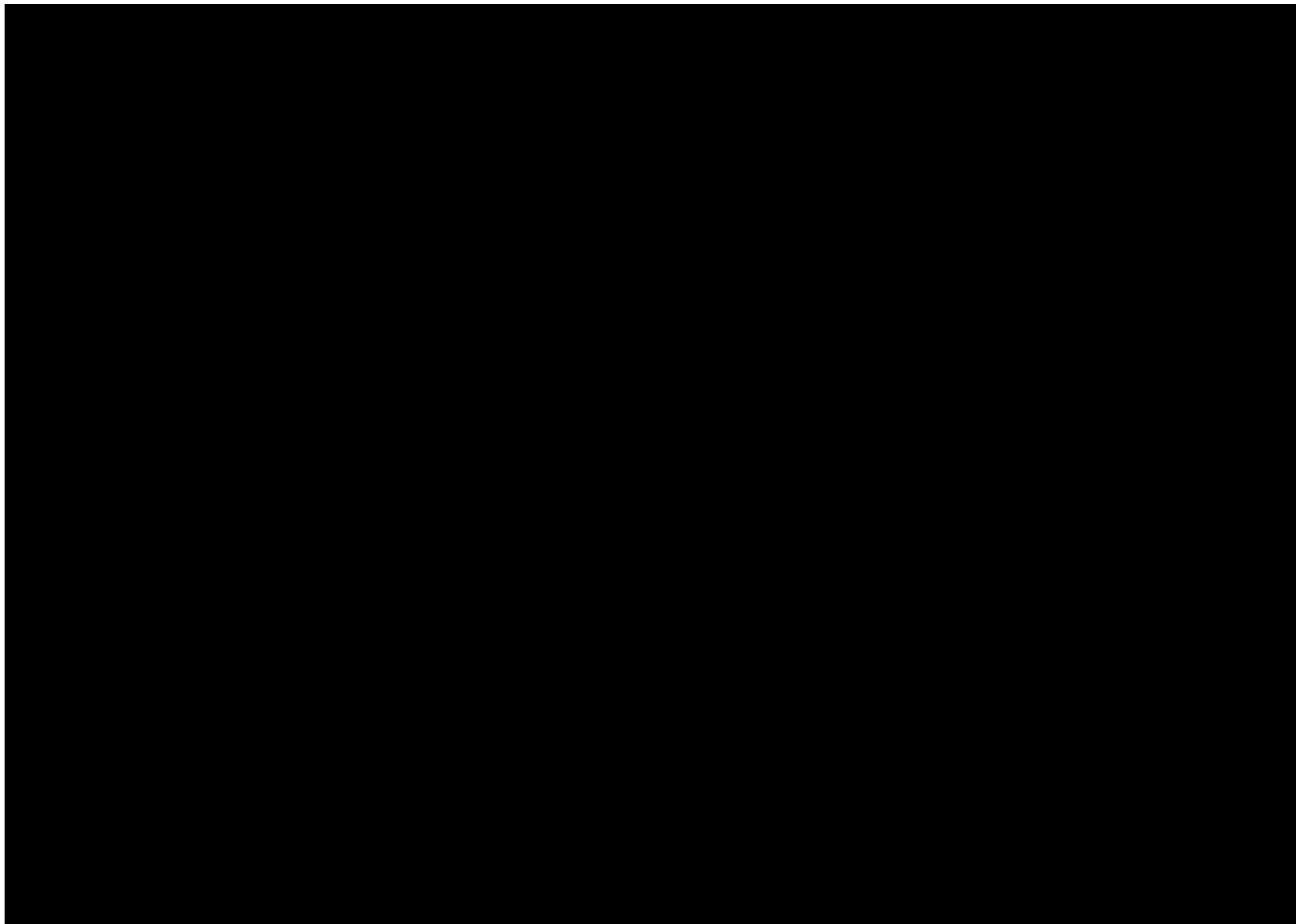
4

WORK NO.

CCS-E2-DW-001_r4.dwg

841 X 594 SIZE A1

21 n.m. 67

[illegible]



A handwritten signature in blue ink, consisting of stylized Thai script characters. The signature is written in a cursive, flowing style. It appears to be the name 'สมชาย ใจดี' (Somchai Jai-di).

Grounding System

ตาราง ค่าความต้านทานดินบริเวณหม้อแปลงไฟฟ้า บริษัท ไทย เอ็มเอ็มเอ จำกัด

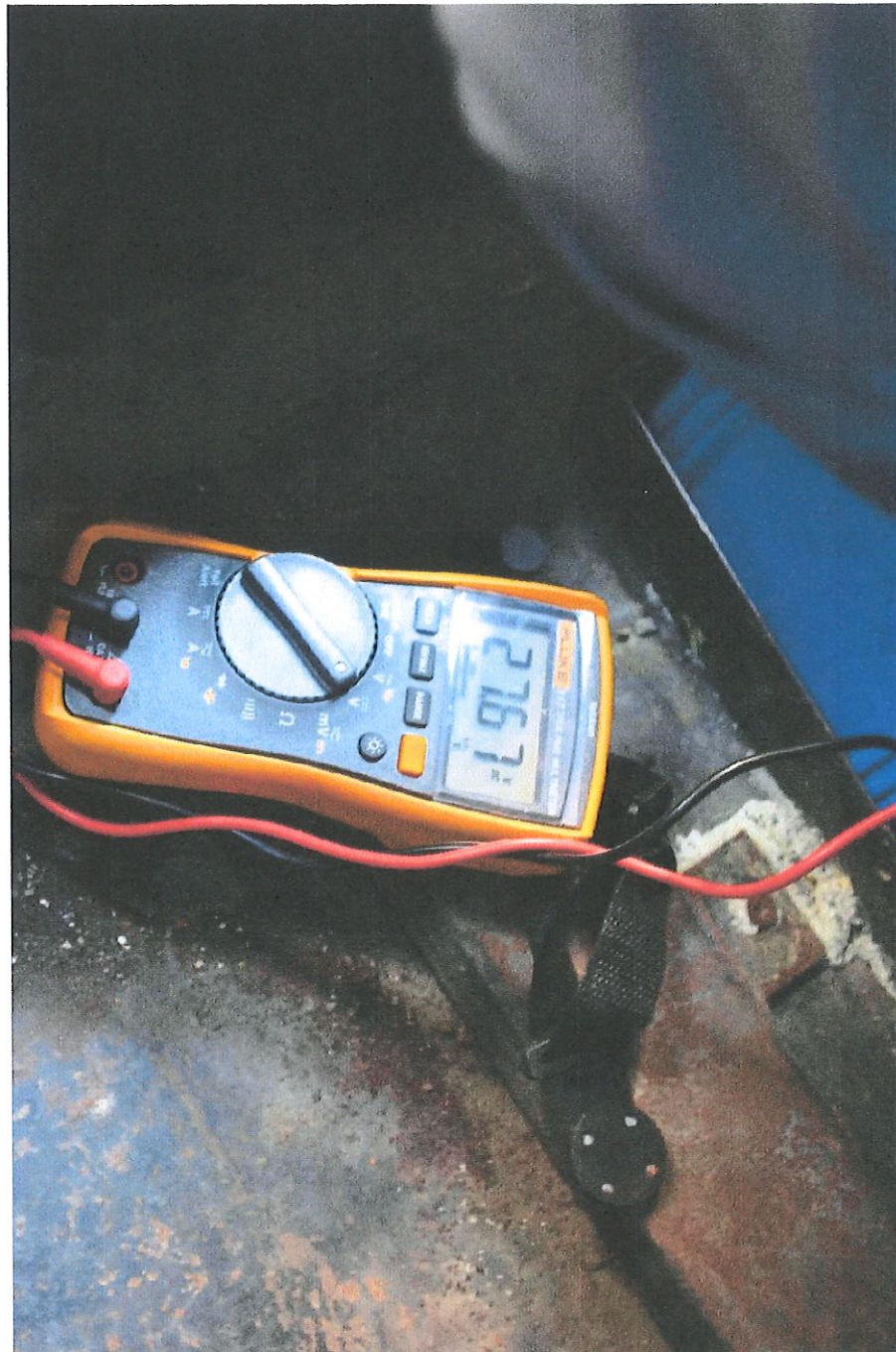


| จุดตรวจสอบ | ค่าความต้านทานดิน มาตรฐาน (Ω) | ค่าที่ตรวจวัดได้ (Ω) | สรุปผลการตรวจสอบ |
|-------------|---|-------------------------------|------------------|
| TR 1000 kVA | < 5 | 0.06 | ผ่าน |
| TR 1250 kVA | < 5 | 0.20 | ผ่าน |
| TR 1600 kVA | < 5 | 0.06 | ผ่าน |
| TR 500 kVA | < 5 | 9.02 | ผ่าน |

เครื่องมือที่ใช้ในการทดสอบ : HIOKI FT6380 Clamp on earth tester

Emergency Diesel Generator (EDG)

การตรวจสอบแรงดันแบตเตอรี่ของ EDG ขนาด 600 kVA



ผลการตรวจสอบ : ค่า Vdc = 27.67 V

เครื่องมือที่ใช้ในการทดสอบ : FLUKE 117

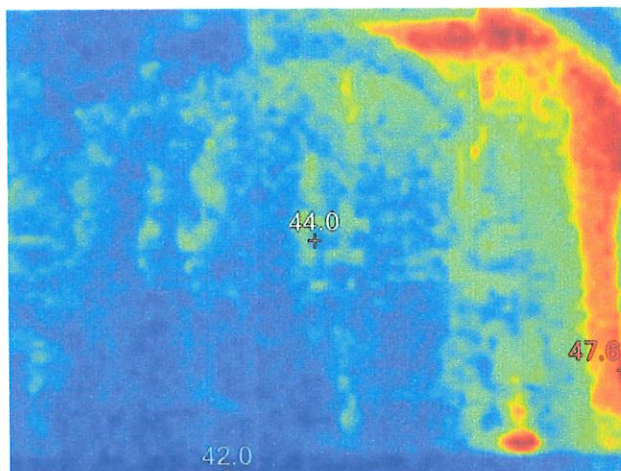
☒ ยอมรับได้

☐ ยอมรับไม่ได้

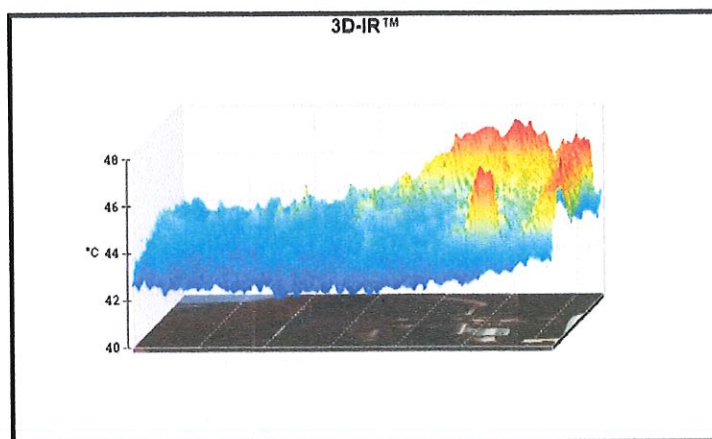


Infrared Thermo-Scan

|

TR 1000 kVA

IR_01908.IS2

**Visible Light Image****Graph****Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 44.1°C |
| Image Range | 42.0°C to 47.6°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

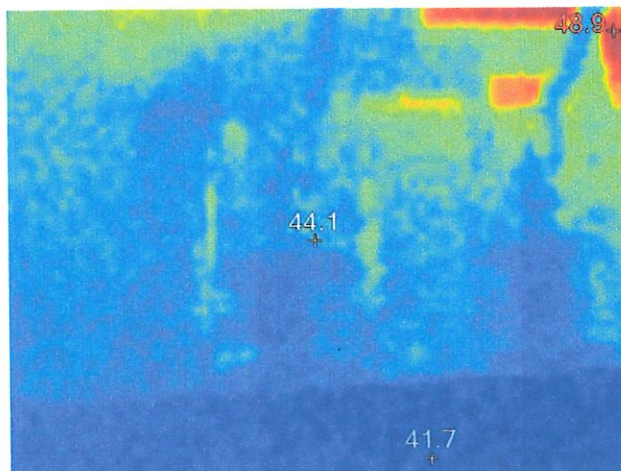
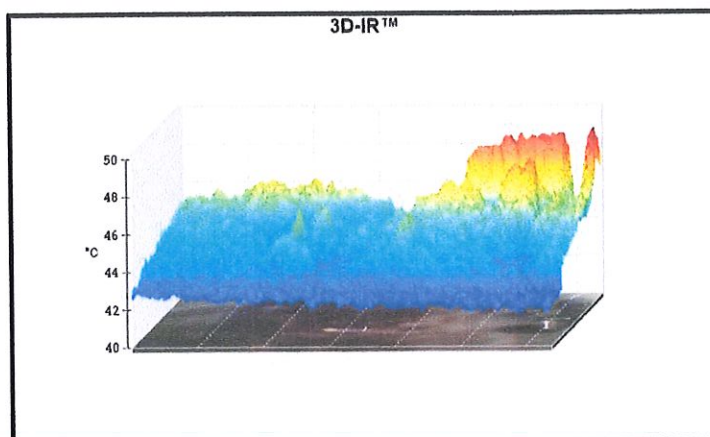
| Name | Temperature |
|--------------|-------------|
| Center point | 44.0°C |
| Hot | 47.6°C |
| Cold | 42.0°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดต่อด้านแรงดันไฟฟ้าของหม้อแปลงไฟฟ้า

☒ ยอมรับได้

☐ ยอมรับไม่ได้

เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image

TR 1250 kVA**IR_01911.IS2****Visible Light Image****Graph****Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 43.9°C |
| Image Range | 41.7°C to 48.9°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

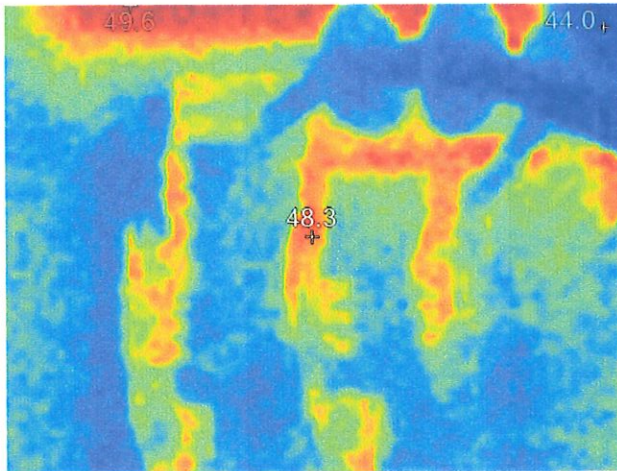
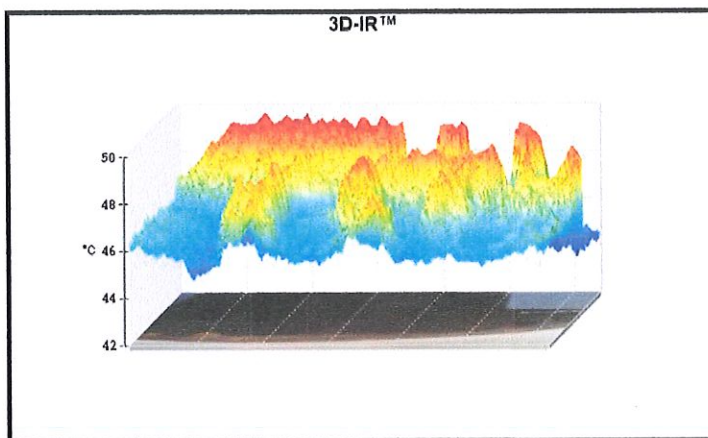
| Name | Temperature |
|--------------|-------------|
| Center point | 44.1°C |
| Hot | 48.9°C |
| Cold | 41.7°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดต่อด้านแรงดันไฟฟ้าของหม้อแปลงไฟฟ้า

☒ ยอมรับได้

☐ ยอมรับไม่ได้

เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image

TR-1600 kVA**IR_01915.IS2****Visible Light Image****Graph
Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 46.4°C |
| Image Range | 44.0°C to 49.6°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

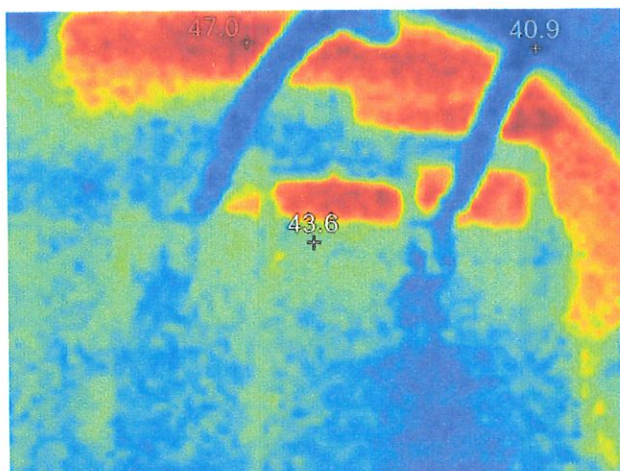
| Name | Temperature |
|--------------|-------------|
| Center point | 48.3°C |
| Hot | 49.6°C |
| Cold | 44.0°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดต่อด้านแรงดันไฟฟ้าของหม้อแปลงไฟฟ้า

☒ ยอมรับได้

☐ ยอมรับไม่ได้

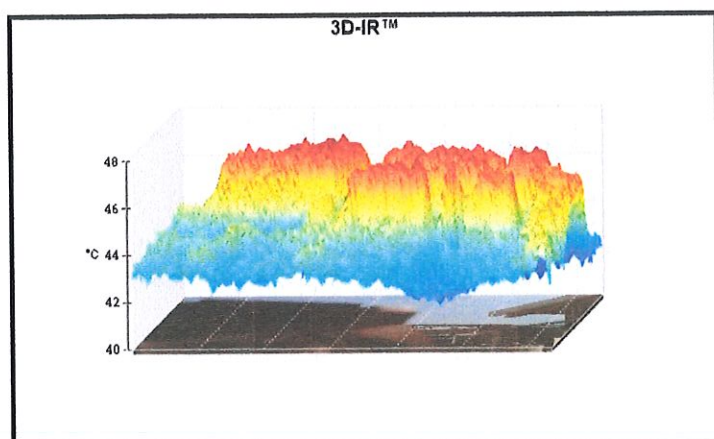
เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image

TR-500 kVA

IR_01919.IS2



Visible Light Image

**Graph****Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 43.7°C |
| Image Range | 40.9°C to 47.0°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

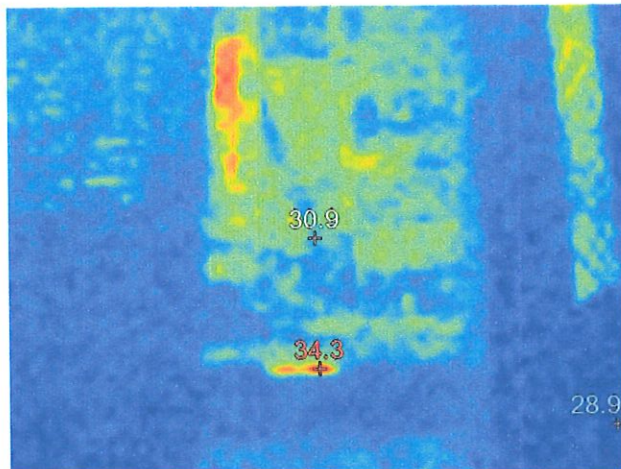
| Name | Temperature |
|--------------|-------------|
| Center point | 43.6°C |
| Hot | 47.0°C |
| Cold | 40.9°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดต่อต้านแรงดันไฟฟ้าของหม้อแปลงไฟฟ้า

☒ ยอมรับได้

☐ ยอมรับไม่ได้

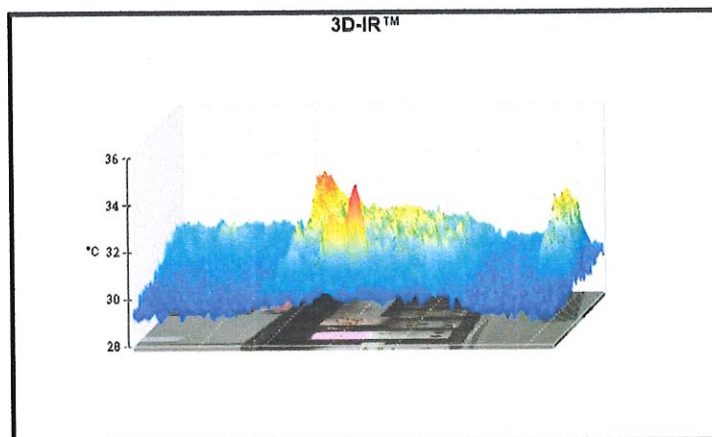
เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image

PB800-1

IR_01924.IS2



Visible Light Image

**Graph****Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 30.5°C |
| Image Range | 28.9°C to 34.3°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

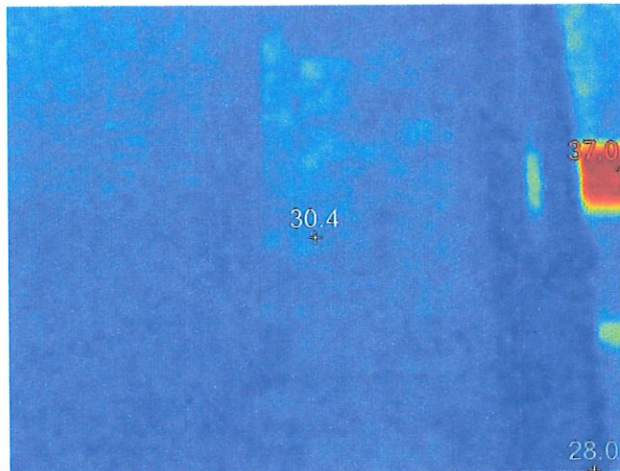
| Name | Temperature |
|--------------|-------------|
| Center point | 30.9°C |
| Hot | 34.3°C |
| Cold | 28.9°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดเชื่อมต่อบัสบาร์

☒ ยอมรับได้

☐ ยอมรับไม่ได้

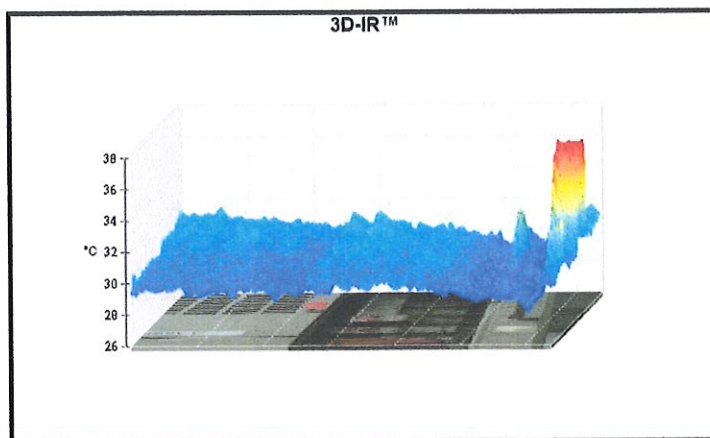
เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image

PB800-2

IR_01928.IS2



Visible Light Image

**Graph****Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 30.0°C |
| Image Range | 28.0°C to 37.0°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

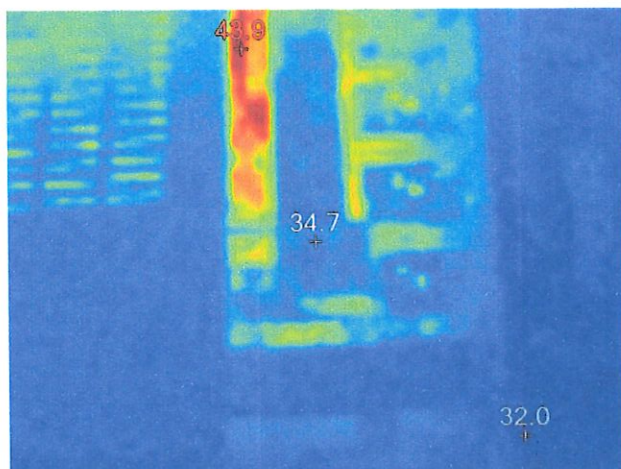
| Name | Temperature |
|--------------|-------------|
| Center point | 30.4°C |
| Hot | 37.0°C |
| Cold | 28.0°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดเชื่อมต่อแบตเตอรี่

☒ ยอมรับได้

☐ ยอมรับไม่ได้

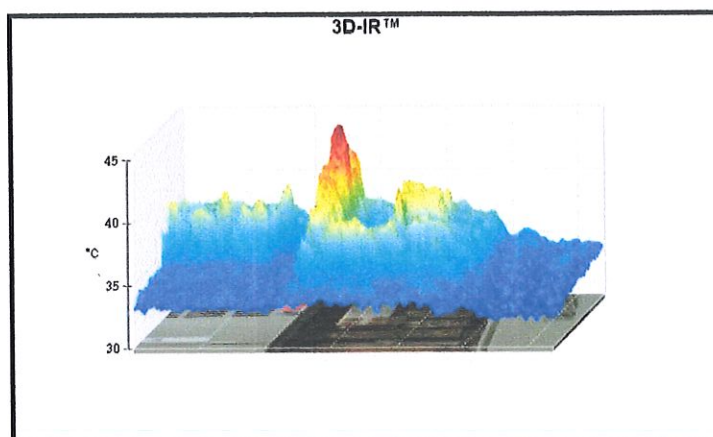
เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image

PB800-3

IR_01931.IS2



Visible Light Image

**Graph****Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 34.9°C |
| Image Range | 32.0°C to 43.9°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

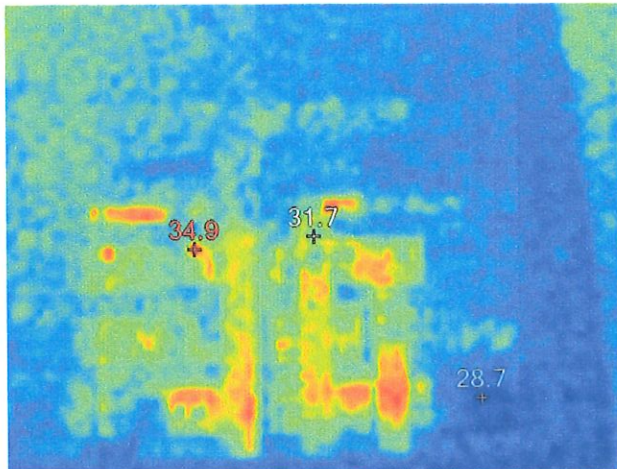
| Name | Temperature |
|--------------|-------------|
| Center point | 34.7°C |
| Hot | 43.9°C |
| Cold | 32.0°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดเชื่อมต่อบัสบาร์

☒ ยอมรับได้

☐ ยอมรับไม่ได้

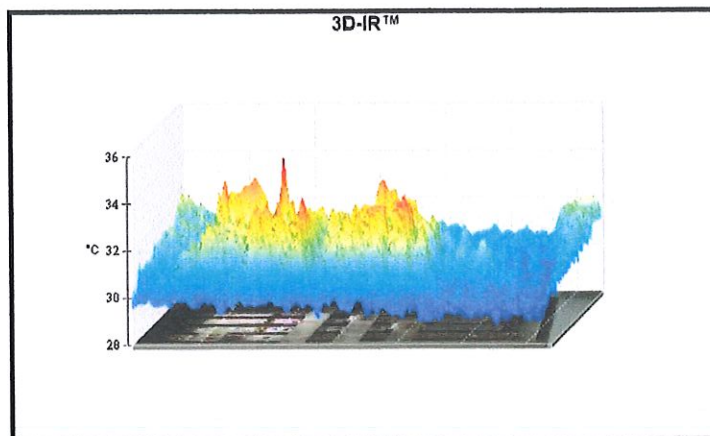
เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image

PB800-4

IR_01934.IS2



Visible Light Image

**Graph****Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 31.0°C |
| Image Range | 28.7°C to 34.9°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

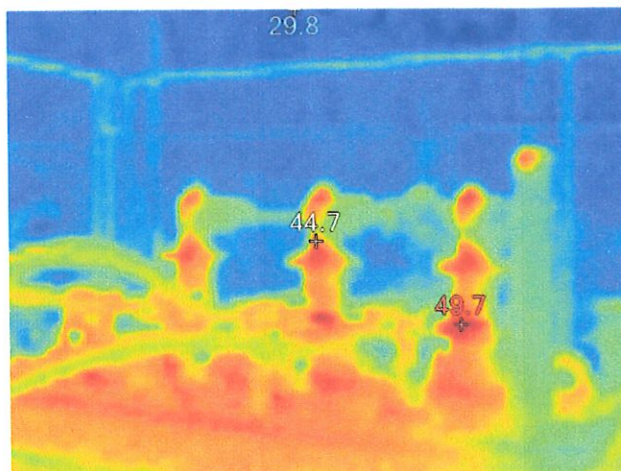
| Name | Temperature |
|--------------|-------------|
| Center point | 31.7°C |
| Hot | 34.9°C |
| Cold | 28.7°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดเชื่อมต่อบัสบาร์

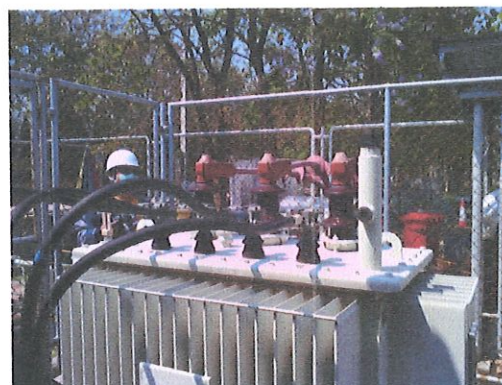
☒ ยอมรับได้

☐ ยอมรับไม่ได้

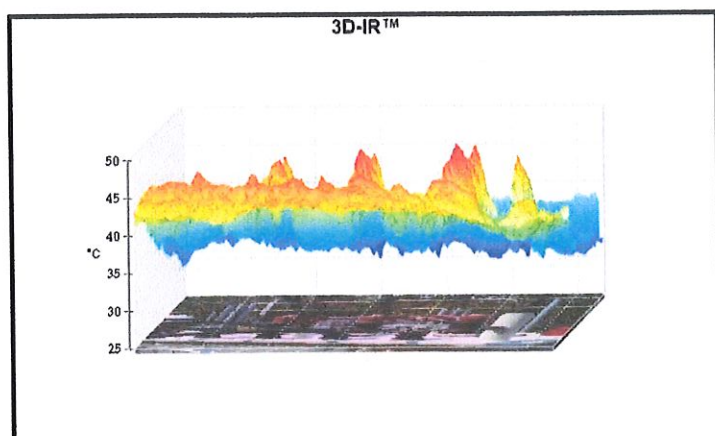
เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image



IR_01936.IS2



Visible Light Image

**Graph****Image Info**

| | |
|------------------------|------------------|
| Background temperature | 26.9°C |
| Emissivity | 0.95 |
| Transmission | 1.00 |
| Average Temperature | 38.5°C |
| Image Range | 29.8°C to 49.7°C |
| IR Sensor Size | 80 x 60 |

Main Image Markers

| Name | Temperature |
|--------------|-------------|
| Center point | 44.7°C |
| Hot | 49.7°C |
| Cold | 29.8°C |

จากการตรวจสอบไม่พบความผิดปกติของอุณหภูมิที่จุดต่อต้านแรงดันไฟฟ้าต่ำและสูงของหม้อแปลงไฟฟ้า

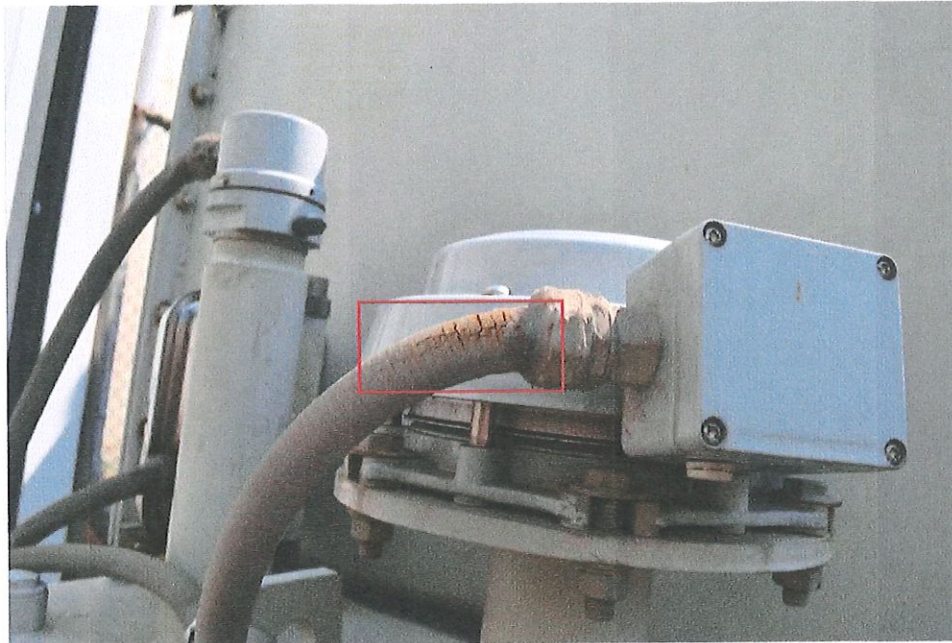
☒ ยอมรับได้

☐ ยอมรับไม่ได้

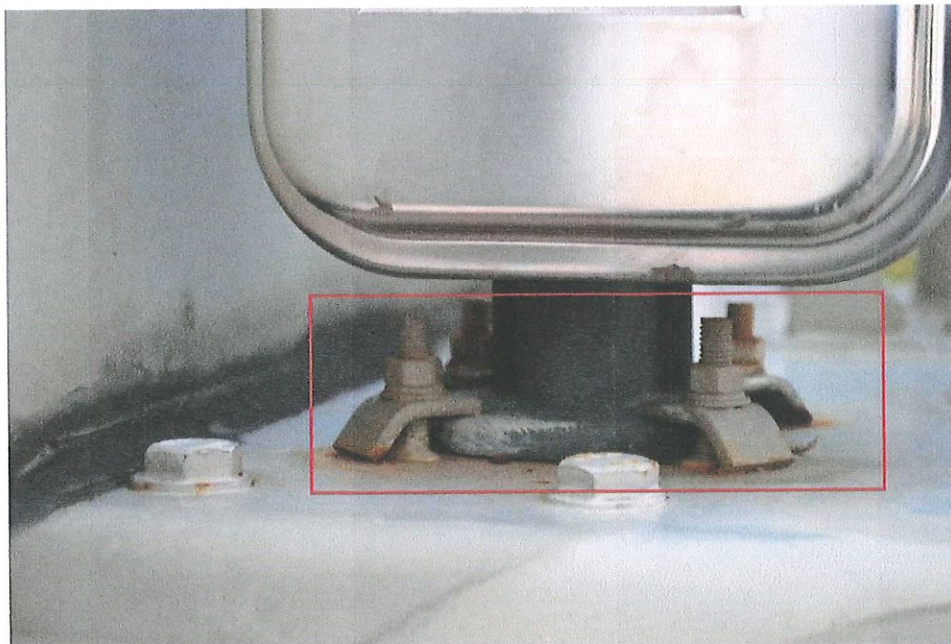
เครื่องมือที่ใช้ทดสอบ : FLUKE TiS10 Thermal Image

Recommendation

1. ควรเปลี่ยนสาย Flexible บริเวณฝาดึงหม้อแปลง เนื่องจากตรวจพบว่าการเสื่อมสภาพ



2. ควรทำความสะอาด ทาสีใหม่ หรือ เปลี่ยน Clamp ยึดอุปกรณ์เครื่องมือวัดบนฝาดึงหม้อแปลง เนื่องจากพบสนิม



3. ควรต่อสายกราวด์บริเวณที่อุปกรณ์เครื่องมือวัดได้กำหนดไว้ให้ติดตั้งสายกราวด์



4. แก้วไฟแสดงสถานะ VCB ไม่ติด

