



Audible Visible Accessories

System Sensor offers a wide range of Audible Visible (AV) accessories to enable you to meet a variety of application requirements.



Features

MP120K Mounting Plate

- Designed for both indoor and outdoor use
- Plug-in design eliminates ground faults
- Power supply that converts 120 VAC to nominal 24 V FWR
- Compatible with all two-wire SpectrAlert Advance® devices

Color Lens Attachments

- Easily turns any device into a strobe for ECS, severe weather, sprinkler activation and more
- Outdoor rated from -35°F to 151°F
- Wall- or ceiling-mount lenses available
- UL 1638 listed

WTP Weatherproof Plates

- Enables flush mounting of outdoor devices to brick, ceramic tile, concrete, and masonry brick
- Weatherproof per NEMA 3R
- For use in both indoor and outdoor applications
- For use with all K series (outdoor) products replacement -R models
- Universal mounting plate easily attaches to the weatherproof plate

The **MP120K Mounting Plate** is designed to use 120 VAC to power SpectrAlert Advance horns, strobes, horn strobes, chimes, and chime strobes.

Color Lens Attachments install easily on any indoor or outdoor SpectrAlert Advance strobe devices to provide distinctive visual signaling.

WTP Series Weatherproof Plates enable installers to flush mount outdoor horns, strobes, horn strobes, speakers, and speaker strobes to a variety of wall surfaces, including brick, ceramic tile, concrete, and masonry brick. These NEMA 3R-rated plates come in red and white to suit aesthetic and functional requirements. They may be used indoors or outdoors (with outdoor devices), as required by conditions. They easily attach to the SpectrAlert Advance universal mounting plate.

Trim Rings for speakers and speaker strobes allow for additional space within the backbox. Trim rings for horns, strobes, and horn strobes allow 4-wire devices to mount to a single-gang back box.

SpectrAlert Advance Outdoor Back Boxes ensure a NEMA 4X watertight listing for AV devices. In locations where you have a hard surface to mount to, **Surface Mount Back boxes** are the best solution. If you have an exposed junction box, the **Back Box Skirts** offer an attractive solution to mask the junction box exposure. **Retrofit Plates** cover paint outlines on the wall when replacing legacy SpectrAlert Advance products.

SpectrAlert Advance DECALS are for use on our non-pad printed wall- and ceiling-mount devices. Each decal comes with AGENT, EVAC, ALERT, or FIRE label options. The **Sync-Circuit Module** synchronizes SpectrAlert Advance strobes at 1 Hz and horns and chimes at temporal 3 over a single pair of wires. Patented module technology also allows the silencing of horns or chimes on horn strobe and chime strobe models over a pair of wires. See Datasheet A05-1007-005 for more information.

Agency Listings



Specifications

MP120K

120 VAC mounting plate model MP120K shall be listed to UL 464 for fire protective signaling systems. The mounting plate shall power a two-wire SpectrAlert® Advance horn, strobe, horn strobe, chime or chime strobe from a 120 VAC supply converted to nominal 24 V FWR. For indoor applications, the mounting plate shall be installed in a 4x4x2 1/8-inch junction box. For outdoor applications, the mounting plate shall be installed using the proper SpectrAlert Advance outdoor weatherproof back box and outdoor listed notification appliance.

Compatibility

MP120K may be used with any of the following products at all horn and strobe settings: P2R, P2RH, P2RK, P2RHK, P2W, P2WH, SR, SRH, SRK, SRHK, SW, SWH, PC2R, PC2RH, PC2RK, PC2RHK, PC2W, PC2WH, SCR, SCRH, SCRK, SCRHK, SCW, SCWH, HR, HRK, HW, SR-P, SW-P, SRH-P, SWH-P, P2R-P, P2W-P, P2RH-P, P2WH-P, SCR-P, SCW-P, SCRH-P, SCWH-P, PC2R-P, PC2W-P, PC2RH-P, PC2WH-P, SR-SP, SRH-SP, P2R-SP, P2RH-SP, SCW-SP, SCWH-SP, PC2W-SP, PC2WH-SP, CHR, CHW, CHSR, CHSW.

Physical/Operating Specifications

Standard Operating Temperature	-40°F to 151°F (-40°C to 66°C)
Humidity Range	10 to 93% non-condensing (indoor products)
Nominal Voltage	Regulated 120 VAC
Operating Voltage Range	96-132 VAC
Current Draw From AC Line	150 mA max.

WTP Weatherproof Plates

The SpectrAlert Advance weatherproof plate for horns, strobes, and horn strobes shall mount to 4x4x1 1/4-inch and 2x4x1 1/2-inch back boxes. The weatherproof plate for speakers and speaker strobes shall mount to 4x4x2 1/8-inch back boxes. The weatherproof plate may be installed on brick, concrete, ceramic tile, and masonry brick and must be used with System Sensor "K" series outdoor replacement models (-R). Outdoor SpectrAlert Advance products shall operate between -40°F and 151°F.

Physical Specifications

Speaker Strobe	7.25" L x 6.26" W x 3.00" D (including speaker and lens)
Speaker	7.25" L x 6.26" W x 1.30" D (including speaker)
Horn Strobe	6.90" L x 5.90" W x 2.80" D (including strobe lens)
Horn	6.90" L x 5.90" W x 1.60" D (including horn)

Note: WTP and WTPW are compatible with 4x4x1 1/4-inch and 2x4x1 1/2-inch back boxes. (Compatible with outdoor horns, horn strobes and strobes)

WTP-SP and WTP-SPW are compatible with 4x4x2 1/8-inch back boxes. (Compatible with outdoor speakers and speaker strobes)

Models Available for Use with the Watertight Plates:

WTP/WTPW	HRK-R
WTP/WTPW	SRK-R, SRHK-R, SWK-R, SWHK-R
WTP/WTPW	P2RK-R, P2RHK-R, P4RK-R, P2WK-R, P2WHK-R
WTP-SP	SPRK-R, SPWK-R
WTP-SPW	SPSRK-R

Note: -R models ship without the outdoor back box. The weatherproof mounting plates are designed to be used only with -R replacement models.

Specifications

Color Lens Attachments

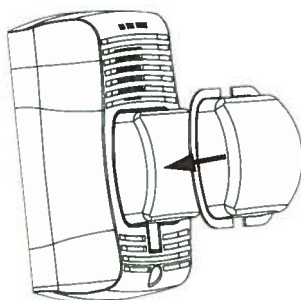
The System Sensor SpectrAlert Advance color lens attachments shall be approved for fire protective service as listed in UL 1638. The lens attachments shall only be used with non-FIRE-printed System Sensor strobe devices. The lens shall mount to any wall- or ceiling-mount strobes and shall be rated from -35°F to 151°F.

Compatibility

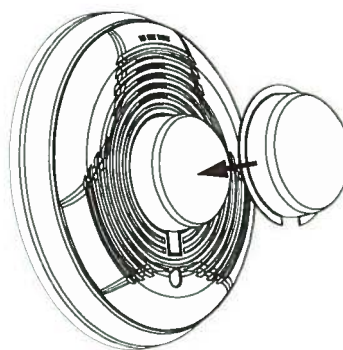
Color lens attachments may be used with the following System Sensor plain (non-FIRE-printed) indoor or outdoor strobe models: SR-P, SRH-P, SW-P, SWH-P, P2R-P, P2W-P, P2WH-P, P2RK-P, P2RHK-P, SCW-P, PC2R-P, PC2W-P, PC2WH-P, SPSW-P, SPSR-P, SPSWH-P, SPSRH-P, SPSWV-P, SPSRV-P, SPSCW-P, SPSCWH-P, SPSCWV-P, SPSCWVH-P, SRK-P, SRHK-P, SWK-P, SWHK-P, P2WK-P, P2WHK-P, SPSWK-P, SPSRK-P, SW-CLR-ALERT, SCW-CLR-ALERT, SPSCW-CLR-ALERT.

Color Lens Installation

Installation to Wall-Mount Strobe



Installation to Ceiling-Mount Strobe



Candela Rating for UL 1638

Light output of color lenses is measured per UL 1638, on axis, and is not derated.

Strobe Output (cd)

Candela Switch Setting	On-Axis Candela Rating (UL1638) – All Colors
15	15
15/75*	NA
30	30
75	75
95	95
110	110
115	115
135	135
150	150
177	177
185	185

*15/75 Candela setting not to be used with color lenses

Ordering Information

Part No.	Description
Metal Weatherproof Backboxes	
MWBBW	white, wall-mount, compatible with: SPWK-R, SPWK, SPSWK-R, SPSWK-P, SPSWK
MWBB	red, wall-mount, compatible with: SPRK-R, SPRK
MWBCW	white, ceiling-mount, compatible with: SPCWK, SPSCWK, SPCWK-R, SPSCWK, SPSCWK-R, SPSCWHK, SPSCWHK-R
SA-WBBW	white, wall-mount, compatible with: P2WK, P2WHK, P2WHK-P, P2WK-P, SWK, SWK-P, P2WHK-R, P2WK-R, SWHK-R
SA-WBB	red, wall-mount, compatible with: P2RK, P2RK-P, P2RK-R, SRK, SRK-P, SRK-R, P2RHK, P4RK, P4RHK, SRHK, HRK, P2RHK-R, P2RK-R, HRK-R, P4RHK-R, P4RK-R, SRHK-R
SA-WBBCW	white, ceiling-mount, compatible with: PC2WK, SCWK
SA-WBBW	white, wall-mount, compatible with: P2WK, P2WHK, P2WHK-P, P2WK-P, SWK, SWK-P, P2WHK-R, P2WK-R, SWHK-R

Ordering Information (continued)

Part No.	Description
Surface Mount Back Box	

SBBR	red, wall-mount, compatible with: HR, CHR, SR, SR-SP, SRH, P2R, P2R-SP, P2RH, P4R, P4RH, CHSR, P2R-P, SR-P, SRH-P
SBBW	white, wall-mount, compatible with: HW, CHW, SW, SWH, P2W, P2WH, P4W, P4W-P, CHSW, P2W-P, P2WH-P, SW-P, SWH-P, SW-ALERT, SWH-ALERT
SBBSPR	red, wall-mount, compatible with: SPR, SPRV, SPSR, SPSRH, SPSRV, SPSR-P, SPSRH-P, SPSRV-P
SBBSPW	white, wall-mount, compatible with: SPW, SPWV, SPSW, SPSWH, SPSWV, SPSW-P, SPSWH-P, SPSWV-P, SPSW-ALERT, SPSW-CLR-ALERT
SBBCR	red, ceiling-mount compatible with: SCR, SCRH, PC2R, PC2RH, PC4R, PC4RH, SPCR, SPCRV, SPSCR, SPSCRH, SPSCR-V, SPSCR-VH, PC2R-P
SBBCW	white, ceiling-mount, compatible with: SCW, SCWH, PC2W, PC2W-SP, PC2WH, PC4W, SPCW, SPCWV, SPSCW, SPSCWH, SPSCWV, SPSCWVH, PC2W-P, PC2WH-P, SCW-P, SPSCW-P, SPSCWH-P, SPSCWHK-P, SPSCWV-P, SPSCWVH-P, SPSCW-CLR-ALERT, SCW-CLR-ALERT

Back Box Skirts

BBS-2	red, wall-mount, compatible with: P2R, SR, HR, CHSR, CHR, P2RH, P4R, P4RH, SRH, P2R-P, P2RH-P, P4R-P, P4RH-P, SR-P, SRH-P, SR-SP, SRH-SP, P2R-SP, P2RH-SP
BBS-SP201W	Surface-mount back-box skirt for the PF24V (ExitPoint™ Directional Sounder with Voice Messaging)
SPBBS	red, wall-mount, compatible with: SPR, SPSR, SPRV, SPSR-P, SPSRH, SPSRH-P

Colored Lenses

LENS-B	Wall-mount, blue
LENS-R	Wall-mount, red
LENS-G	Wall-mount, green
LENS-A	Wall-mount, amber
LENS-BC	Ceiling-mount, blue
LENS-RC	Ceiling-mount, red
LENS-GC	Ceiling-mount, green
LENS-AC	Ceiling-mount, amber

Part No.	Description
Decals	

DECAL-R	red, used for non-pad-printed wall-mount devices. (10 total decals per box for 5 devices)*
DECAL-RC	red, used for non-pad-printed ceiling-mount devices. (15 total decals per box for 5 devices)*
DECAL-W	white, used for non-pad-printed wall-mount devices. (10 total decals per box) for 5 devices*
DECAL-WC	white, used for non-pad-printed ceiling-mount devices. (15 total decals per box for 5 devices)*

*All Decals include Labels: "AGENT, EVAC, ALERT & FIRE"

Retrofit Plates

(For use with horn strobe & speaker strobe devices)

RFPW	9.5" x 7" white
RFP	9.5" x 7" red

Mounting Plate

MP120K	120 VAC Adapter Mounting Plate
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Sync Modules

MDL3W	white, 12/24 volt Sync-Circuit module.
MDL3R	red 12/24 volt Sync-Circuit module

Trim Rings

TR	red, wall-mount for use with speaker devices
TRC	red, ceiling-mount for use with speaker devices
TRC-HS	red, ceiling-mount for use with horn strobe devices
TRCW	white, ceiling-mount for use with speaker devices
TRCW-HS	red, ceiling-mount for use with horn strobe devices
TR-HS	red, wall-mount for use with horn strobes devices
TRW	white, wall-mount for use with speaker devices
TRW-HS	white, wall-mount for use with horn strobe devices

Watertight Plates

WTPW	white, for use with horn, strobes & horn strobe devices
WTP	red, for use with horn, strobes & horn strobe devices
WTP-SPW	white, for use with speaker devices
WTP-SP	red, for use with speaker devices



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AVDS00403 • 7/13

EOL-CR, EOL-CW

Universal End-of-Line Device Mounting Plates



Miscellaneous

General

The EOL-CR and EOL-CW Universal End-of-Line Device Mounting Plates are used, when required, to place the end-of-line device at an accessible height. The EOL-CR/CW consists of a terminal strip mounted on a heavy gauge metallic single-gang faceplate, finished in red or white baked enamel; it fits on a standard single-gang electrical box. The end-of-line device is included with the corresponding module in the central equipment.

Architectural/Engineering Specifications

The End-of-Line Device Mounting Plate shall be model EOL-CR/CW. It shall consist of a terminal strip, mounted on a single-gang faceplate, made of heavy-gauge metal, finished in red (EOL-CR) or white (EOL-CW), and shall fit on a standard single-gang electrical box.

Agency Listings and Approvals

The listings and approvals below apply to the EOL-CR and EOL-CW Mounting Plates for End-of-Line Devices. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in progress. Consult factory for latest listing status.

- ULC Listed: File S7547

Ordering Information

EOL-CR: End-of-line device mounting plate (red). Shipping weight 0.17 kg (6 oz.).

EOL-CW: End-of-line device mounting plate (white). Shipping weight 0.17 kg (6 oz.).



EOL-CR

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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FMM-1(A), FMM-101(A), FZM-1(A) & FDM-1(A)

Monitor Modules with FlashScan®

NOTIFIER®
by Honeywell

Intelligent/Addressable Devices

General

Four different monitor modules are available for Notifier's intelligent control panels for a variety of applications. Monitor modules supervise a circuit of dry-contact input devices, such as conventional heat detectors and pull stations, or monitor and power a circuit of two-wire smoke detectors (FZM-1(A)).

FMM-1(A) is a standard-sized module (typically mounts to a 4" [10.16 cm] square box) that supervises either a Style D (Class A) or Style B (Class B) circuit of dry-contact input devices.

FMM-101(A) is a miniature monitor module a mere 1.3" (3.302 cm) H x 2.75" (6.985 cm) W x 0.5" (1.270 cm) D that supervises a Style B (Class B) circuit of dry-contact input devices. Its compact design allows the FMM-101(A) to be mounted in a single-gang box behind the device it monitors.

FZM-1(A) is a standard-sized module that monitors and supervises compatible two-wire, 24 volt, smoke detectors on a Style D (Class A) or Style B (Class B) circuit.

FDM-1(A) is a standard-sized dual monitor module that monitors and supervises two independent two-wire Style B (Class B) dry-contact initiating device circuits (IDCs) at two separate, consecutive addresses in intelligent, two-wire systems.

FlashScan® (U.S. Patent 5,539,389) is a communication protocol developed by NOTIFIER that greatly increases the speed of communication between analog intelligent devices. Intelligent devices communicate in a grouped fashion. If one of the devices within the group has new information, the panel CPU stops the group poll and concentrates on single points. The net effect is response speed greater than five times that of other designs.

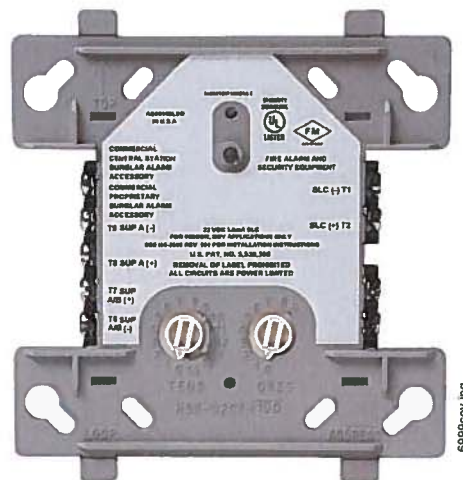
FMM-1(A) Monitor Module

- Built-in type identification automatically identifies this device as a monitor module to the control panel.
- Powered directly by two-wire SLC loop. No additional power required.
- High noise (EMF/RFI) immunity.
- SEMS screws with clamping plates for ease of wiring.
- Direct-dial entry of address: 01 – 159 on FlashScan loops; 01 – 99 on CLIP loops.
- LED flashes green during normal operation (this is a programmable option) and latches on steady red to indicate alarm.

The FMM-1(A) Monitor Module is intended for use in intelligent, two-wire systems, where the individual address of each module is selected using the built-in rotary switches. It provides either a two-wire or four-wire fault-tolerant Initiating Device Circuit (IDC) for normally-open-contact fire alarm and supervisory devices. The module has a panel-controlled LED indicator. The FMM-1(A) can be used to replace MMX-1(A) modules in existing systems.

FMM-1(A) APPLICATIONS

Use to monitor a zone of four-wire smoke detectors, manual fire alarm pull stations, waterflow devices, or other normally-open dry-contact alarm activation devices. May also be used to monitor normally-open supervisory devices with special supervisory indication at the control panel. Monitored circuit may be wired as an NFPA Style B (Class B) or Style D (Class



FMM-1(A) (Type H)

A) Initiating Device Circuit. A 47K ohm End-of-Line Resistor (provided) terminates the Style B circuit. No resistor is required for supervision of the Style D circuit.

FMM-1(A) OPERATION

Each FMM-1(A) uses one of the available module addresses on an SLC loop. It responds to regular polls from the control panel and reports its type and the status (open/normal/short) of its Initiating Device Circuit (IDC). A flashing LED indicates that the module is in communication with the control panel. The LED latches steady on alarm (subject to current limitations on the loop).

FMM-1(A) SPECIFICATIONS

Nominal operating voltage: 15 to 32 VDC.

Maximum current draw: 5.0 mA (LED on).

Average operating current: 350 μ A (LED flashing), 1 communication every 5 seconds, 47k EOL.

Maximum IDC wiring resistance: 40 ohms.

EOL resistance: 47K ohms.

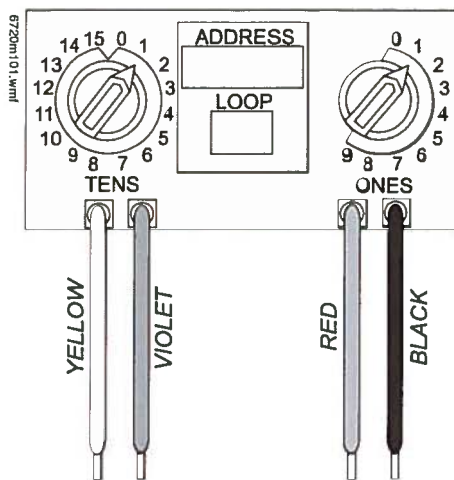
Temperature range: 32°F to 120°F (0°C to 49°C).

Humidity range: 10% to 93% noncondensing.

Dimensions: 4.5" (11.43 cm) high x 4" (10.16 cm) wide x 1.25" (3.175 cm) deep. Mounts to a 4" (10.16 cm) square x 2.125" (5.398 cm) deep box.

FMM-101(A) Mini Monitor Module

- Built-in type identification automatically identifies this device as a monitor module to the panel.
- Powered directly by two-wire SLC loop. No additional power required.
- High noise (EMF/RFI) immunity.
- Tinned, stripped leads for ease of wiring.
- Direct-dial entry of address: 01 – 159 on FlashScan loops; 01 – 99 on CLIP loops.



The FMM-101(A) Mini Monitor Module can be installed in a single-gang junction directly behind the monitored unit. Its small size and light weight allow it to be installed without rigid mounting. The FMM-101(A) is intended for use in intelligent, two-wire systems where the individual address of each module is selected using rotary switches. It provides a two-wire initiating device circuit for normally-open-contact fire alarm and security devices. The FMM-101(A) can be used to replace MMX-101(A) modules in existing systems.

FMM-101(A) APPLICATIONS

Use to monitor a single device or a zone of four-wire smoke detectors, manual fire alarm pull stations, waterflow devices, or other normally-open dry-contact devices. May also be used to monitor normally-open supervisory devices with special supervisory indication at the control panel. Monitored circuit/device is wired as an NFPA Style B (Class B) Initiating Device Circuit. A 47K ohm End-of-Line Resistor (provided) terminates the circuit.

FMM-101(A) OPERATION

Each FMM-101(A) uses one of the available module addresses on an SLC loop. It responds to regular polls from the control panel and reports its type and the status (open/normal/short) of its Initiating Device Circuit (IDC).

FMM-101(A) SPECIFICATIONS

Nominal operating voltage: 15 to 32 VDC.

Average operating current: 350 μ A, 1 communication every 5 seconds, 47k EOL; 600 μ A Max. (Communicating, IDC Shorted).

Maximum IDC wiring resistance: 40 ohms.

Maximum IDC Voltage: 11 Volts.

Maximum IDC Current: 400 μ A.

EOL resistance: 47K ohms.

Temperature range: 32°F to 120°F (0°C to 49°C).

Humidity range: 10% to 93% noncondensing.

Dimensions: 1.3" (3.302 cm) high x 2.75" (6.985 cm) wide x 0.65" (1.651 cm) deep.

Wire length: 6" (15.24 cm) minimum.

FZM-1(A) Interface Module

- Supports compatible two-wire smoke detectors.
- Supervises IDC wiring and connection of external power source.
- High noise (EMF/RFI) immunity.
- SEMS screws with clamping plates for ease of wiring.
- Direct-dial entry of address: 01 – 159 on FlashScan loops, 01 – 99 on CLIP loops.
- LED flashes during normal operation; this is a programmable option.
- LED latches steady to indicate alarm on command from control panel.

The FZM-1(A) Interface Module is intended for use in intelligent, addressable systems, where the individual address of each module is selected using built-in rotary switches. This module allows intelligent panels to interface and monitor two-wire conventional smoke detectors. It transmits the status (normal, open, or alarm) of one full zone of conventional detectors back to the control panel. All two-wire detectors being monitored must be UL compatible with the module. The FZM-1(A) can be used to replace MMX-2(A) modules in existing systems.

FZM-1(A) APPLICATIONS

Use the FZM-1(A) to monitor a zone of two-wire smoke detectors. The monitored circuit may be wired as an NFPA Style B (Class B) or Style D (Class A) Initiating Device Circuit. A 3.9 K ohm End-of-Line Resistor (provided) terminates the end of the Style B or D (class B or A) circuit (maximum IDC loop resistance is 25 ohms). Install ELR across terminals 8 and 9 for Style D application.

FZM-1(A) OPERATION

Each FZM-1(A) uses one of the available module addresses on an SLC loop. It responds to regular polls from the control panel and reports its type and the status (open/normal/short) of its Initiating Device Circuit (IDC). A flashing LED indicates that the module is in communication with the control panel. The LED latches steady on alarm (subject to current limitations on the loop).

FZM-1(A) SPECIFICATIONS

Nominal operating voltage: 15 to 32 VDC.

Maximum current draw: 5.1 mA (LED on).

Maximum IDC wiring resistance: 25 ohms.

Average operating current: 300 μ A, 1 communication and 1 LED flash every 5 seconds, 3.9k eol.

EOL resistance: 3.9K ohms.

External supply voltage (between Terminals T3 and T4): DC voltage: 24 volts power limited. Ripple voltage: 0.1 Vrms maximum. Current: 90 mA per module maximum.

Temperature range: 32°F to 120°F (0°C to 49°C).

Humidity range: 10% to 93% noncondensing.

Dimensions: 4.5" (11.43 cm) high x 4" (10.16 cm) wide x 1.25" (3.175 cm) deep. Mounts to a 4" (10.16 cm) square x 2.125" (5.398 cm) deep box.

FDM1(A) Dual Monitor Module

The FDM-1(A) Dual Monitor Module is intended for use in intelligent, two-wire systems. It provides two independent two-wire initiating device circuits (IDCs) at two separate, consecutive addresses. It is capable of monitoring normally open contact fire alarm and supervisory devices; or either normally open or normally closed security devices. The module has a single panel-controlled LED.

NOTE: The FDM-1(A) provides two Style B (Class B) IDC circuits ONLY. Style D (Class A) IDC circuits are NOT supported in any application.

FDM-1(A) SPECIFICATIONS

Normal operating voltage range: 15 to 32 VDC.

Maximum current draw: 6.4 mA (LED on).

Average operating current: 750 μ A (LED flashing).

Maximum IDC wiring resistance: 1,500 ohms.

Maximum IDC Voltage: 11 Volts.

Maximum IDC Current: 240 μ A

EOL resistance: 47K ohms.

Maximum SLC Wiring resistance: 40 Ohms.

Temperature range: 32° to 120°F (0° to 49°C).

Humidity range: 10% to 93% (non-condensing).

Dimensions: 4.5" (11.43 cm) high x 4" (10.16 cm) wide x 2.125" (5.398 cm) deep.

FDM-1(A) AUTOMATIC ADDRESSING

The FDM-1(A) automatically assigns itself to two addressable points, starting with the original address. For example, if the FDM-1(A) is set to address "26", then it will automatically assign itself to addresses "26" and "27".

NOTE: "Ones" addresses on the FDM-1(A) are 0, 2, 4, 6, or 8 only. Terminals 6 and 7 use the first address, and terminals 8 and 9 use the second address.



CAUTION:

Avoid duplicating addresses on the system.

Installation

FMM-1(A), FZM-1(A), and FDM-1(A) modules mount directly to a standard 4" (10.16 cm) square, 2.125" (5.398 cm) deep, electrical box. They may also be mounted to the SMB500 surface-mount box. Mounting hardware and installation instructions are provided with each module. All wiring must conform to applicable local codes, ordinances, and regulations. These modules are intended for power-limited wiring only.

The FMM-101(A) module is intended to be wired and mounted without rigid connections inside a standard electrical box. All wiring must conform to applicable local codes, ordinances, and regulations.

Agency Listings and Approvals

In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL:** S635
- **ULC:** S635
- **FM Approved**
- **CSFM:** 7300-0028:0219
- **MEA:** 457-99-E
- **U.S. Coast Guard:**

- 161.002/23/3 (AFP-200: FMM-1/-101, FZM-1)
- 161.002/42/1 (NFS-640: FMM-1/-101)

- **Lloyd's Register:**

- 03/60011/E1 (FMM-1/-101, FZM-1)
- 94/60004/E2 (AFP-200: except FDM-1)
- 02/60007 (NFS-640: FDM-1)

- **FDNY:** COA #6038 (NFS2-640, NFS-320), COA# 6058 (NFS2-3030)

Product Line Information

NOTE: "A" suffix indicates ULC-listed model.

FMM-1(A): Monitor module.

FMM-101(A): Monitor module, miniature.

FZM-1(A): Monitor module, two-wire detectors.

FDM-1(A): Monitor module, dual, two independent Class B circuits.

SMB500: Optional surface-mount backbox.

NOTE: See installation instructions and refer to the SLC Wiring Manual, PN 51253.

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This document is not intended to be used for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.



Made in the U.S. A.

For more information, contact Notifier. Phone: (203) 484-7161, FAX: (203) 484-7118.
www.notifier.com

NBG-12 Series

Non-Coded Conventional Manual Fire Alarm Pull Stations



Conventional Initiating Devices

General

The NOTIFIER NBG-12 Series is a cost-effective, feature-packed series of non-coded manual fire alarm pull stations. It was designed to meet multiple applications with the installer and end-user in mind. The NBG-12 Series features a variety of models including single- and dual-action versions.

The NBG-12 Series provides an alarm initiating input signal to conventional fire alarm control panels (FACPs) such as the SFP Series, and to XP Transponders. Its innovative design, durable construction, and multiple mounting options make the NBG-12 Series simple to install, maintain, and operate.

Features

- Aesthetically pleasing, highly visible design and color.
- Attractive contoured shape and light textured finish.
- Meets ADA 5 lb. maximum pull-force.
- Meets UL 38, Standard for Manually Actuated Signaling Boxes.
- Easily operated (single- or dual-action, model dependent), yet designed to prevent false alarms when bumped, shaken, or jarred.
- PUSH IN/PULL DOWN handle latches in the down position to clearly indicate the station has been operated.
- The word "ACTIVATED" appears on top of the handle in bright yellow, further indicating operation of the station.
- Operation handle features white arrows showing basic operation direction for non-English-speaking persons.
- Braille text included on finger-hold area of operation handle and across top of handle.
- Multiple hex- and key-lock models available.
- U.S. patented hex-lock needs only a quarter-turn to lock/unlock.
- Station can be opened for inspection and maintenance without initiating an alarm.
- Product ID label viewable by simply opening the cover; label is made of a durable long-life material.
- The words "NORMAL" and "ACTIVATED" are molded into the plastic adjacent to the alarm switch (located inside).
- Four-position terminal strip molded into backplate.
- Terminal strip includes Phillips combination-head captive 8/32 screws for easy connection to Initiating Device Circuit (IDC).
- Terminal screws backed-out at factory and shipped ready to accept field wiring (up to 12 AWG/3.1 mm²).
- Terminal numbers are molded into the backplate, eliminating the need for labels.
- Switch contacts are normally open.
- Can be surface-mounted (with SB-10 or SB-I/O) or semi-flush mounted. Semi-flush mount to a standard single-gang, double-gang, or 4" (10.16 cm) square electrical box.
- Backplate is large enough to overlap a single-gang backbox cutout by 1/2" (1.27 cm).
- Optional trim ring (BG12TR).
- Spanish versions (*FUEGO*) available (NBG-12LSP, NBG-12LPSP).
- Designed to replace the legacy NBG-10 Series.
- Models packaged in attractive, clear plastic (PVC), clam-shell-style, Point-of-Purchase packages. Packaging includes a cutaway dust/paint cover in shape of pull station.



6643cov.jpg

Construction

- Cover, backplate and operation handle are all molded of durable polycarbonate material.
- Cover features white lettering and trim.
- Red color matches System Sensor's popular SpectraAlert® Advance horn/strobe series.

Operation

The NBG-12 manual pull stations provide a textured finger-hold area that includes Braille text. In addition to PUSH IN and PULL DOWN text, there are arrows indicating how to operate the station, provided for non-English-speaking people.

Pushing in and then pulling down on the handle activates the normally-open alarm switch. Once latched in the down position, the word "ACTIVATED" appears at the top in bright yellow, with a portion of the handle protruding at the bottom as a visible flag. Resetting the station is simple: insert the key or hex (model dependent), twist one quarter-turn, then open the station's front cover, causing the spring-loaded operation handle to return to its original position. The alarm switch can then be reset to its normal (non-alarm) position manually (by hand) or by closing the station's front cover, which automatically resets the switch.

Specifications

PHYSICAL SPECIFICATIONS:

pull station	SB-10	SB-I/O	WBB	WP-10
H	5.500 in. (13.97 cm)	5.500 in. (13.97 cm)	5.601 in. (14.23 cm)	4.25 in. (10.79 cm)
W	4.121 in. (10.467 cm)	4.125 in. (10.478 cm)	4.222 in. (10.72 cm)	4.25 in. (10.79 cm)
D	1.390 in. (3.531 cm)	1.375 in. (3.493 cm)	1.439 in. (3.66 cm)	1.75 in. (4.445 cm)

6643dim2.1b

ELECTRICAL SPECIFICATIONS:

Switch contact ratings: gold-plated; rating 0.25 A @ 30 VAC or VDC. **Auxiliary contact circuit** (Terminals 3 & 4, NBG-12LA): rated to 3.0 A @ 30 VAC or VDC.

ENGINEERING/ARCHITECTURAL SPECIFICATIONS

Manual Fire Alarm Stations shall be non-code, with a key- or hex-operated reset lock in order that they may be tested, and so designed that after actual Emergency Operation, they cannot be restored to normal except by use of a key or hex. An operated station shall automatically condition itself so as to be visually detected as activated. Manual stations shall be constructed of red colored LEXAN (or polycarbonate equivalent) with clearly visible operating instructions provided on the cover. The word **FIRE** shall appear on the front of the stations in white letters, 1.00 inches (2.54 cm) or larger.* Stations shall be suitable for surface mounting on matching backbox SB-10 or SB-I/O; or semi-flush mounting on a standard single-gang, double-gang, or 4" (10.16 cm) square electrical box, and shall be installed within the limits defined by the Americans with Disabilities Act (ADA) or per national/local requirements. Manual Stations shall be Underwriters Laboratories listed.

NOTE: *The words "FIRE/FUEGO" on the NBG-12LSP and NBG-12LPSP shall appear on the front of the station in white letters, approximately 3/4" (1.905 cm) high.

Pre-Signal Models

The NBG-12LPS and NBG-12LPSP pull stations are non-coded manual pull stations which provide a FACP with two normally open alarm initiating input signals. "Pre-signal" input is activated by pushing in, then pulling down, the dual-action handle. A "general" alarm input signal can be manually activated via a momentary rocker switch mounted inside the unit. This general alarm switch can only be accessed by opening the cover with the supplied key/lock. See diagram at right.

Agency Listings and Approvals

The listings and approvals below apply to the NBG-12 Series pull stations. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **C(UL)US** Listed: file S692.
- **CSFM** approved: file 7150-0028:199.
- **FM** approved (except NBG-12LPS, NBG-12LPSP).
- **MEA** approved: file 67-02-E (NBG-12, NBG-12L, NBG-12LOB, NBG-12LA).
- **Lloyd's Register** type approved: file 93/60141 (E3) (NBG-12, NBG-12L, NBG-12LA, NBG-12LOB, NBG-12S).
- **U.S. Coast Guard** approved: files 161.002/23/3 (AFP-200 with NBG-12, NBG-12L, NBG-12S); 161.002/42/1 (NFS-640 with NBG-12, NBG-12L, NBG-12S); 161.002/27/3 (AFP1010/AM2020 with NBG-12, NBG-12L, NBG-12S).
- **Patented:** U.S. Patent No. D428,351; 6,380,846; 6,314,772; 6,632,108.

Product Line Information

NBG-12S: Single-action pull station with pigtail connections, hex lock.

NBG-12: Dual-action pull station with SPST N/O switch, screw terminal connections, **hex lock**.

NBG-12L: Dual-action pull station with SPST N/O switch, screw terminal connections, **key lock**.

NBG-12LSP: Same as NBG-12L with English/Spanish (FIRE/FUEGO) labeling.

NBG-12LPS: Dual-action pull station with pre-signal option.

NBG-12LPSP: Same as NBG-12LPS with English/Spanish (FIRE/FUEGO) labeling.

NBG-12LOB: Dual-action pull station with key lock, outdoor applications listings (NBG-12LO), and backbox. Includes SB-I/O indoor/outdoor backbox, and sealing gasket. Model will also mount to WP-10 weatherproof backbox in retrofit applications.

NOTE: NBG-12LO not available separately;

NBG-12LO + approved backbox = NBG-12LOB.

Outdoor applications listings apply to NBG-12LOB combination.

NBG-12LA: Dual-action pull station with key lock and annunciator contacts.

SB-10: Surface-mount backbox, metal.

SB-I/O: Surface-mount backbox, plastic. (Included with NBG-12LOB.)

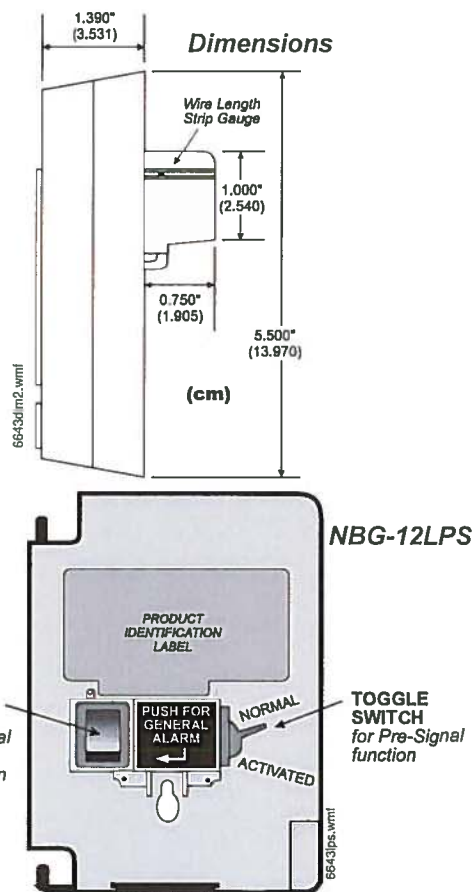
BG12TR: Optional trim ring for semi-flush mounting.

WP-10: Outdoor use backbox.

17021: Keys, set of two. (Included with key-lock pull stations.)

17007: Hex key, 9/64". (Included with hex-lock pull stations.)

NOTE: For addressable NBG-12LX models, see data sheet DN-6726.



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www.notifier.com

STI Universal Stopper®

Indoor/Outdoor



Shown with
waterproof
back box



PRODUCT OVERVIEW

These indoor/outdoor low profile or dome polycarbonate covers protect devices such as dual action pull stations, keypads for entry systems, intercom stations, emergency buttons, electrical light switches, duplex plugs, etc., without restricting legitimate operation. The versatile cover offers excellent protection against physical damage (both accidental and intentional), dust and grime as well as severe environments inside and out.

Cover options: Dome or Low Profile, with or without horn, flush mount, surface mount or waterproof back box models. Maximum protrusion is 4 inches deep. Cover has the same footprint as the Mini Stopper® but accommodates most dual action pull stations.

FEATURES

- Protects against vandalism, accidental damage, dust and grime and severe environments inside and outside.
- Protects pull stations, keypads, intercom stations, emergency buttons, electrical light switches or duplex plugs.
- Cover is molded from thick, tough polycarbonate material.
- Cover available in low profile or dome shape.
- Flush frame, surface frame or waterproof back box (with sealed or open internal mounting plate), enclosed flush back box.
- Top and bottom of waterproof back box are threaded for 3/4" NPT rigid conduit.
- Sized to fit most pull stations.
- High strength continuous hinge.
- Dome models have optional relay output with 12-24 VDC power input.
- Gaskets included.
- ADA Compliant.
- Locking tab (not for use with fire pull stations).
- Dome models available with or without 105 dB horn.
- Dome models available with red, green, blue, yellow, white or black label hood/horn housing with custom or no label.
- Available for red units "In Case of Fire..." label.
- UV-stabilized to keep cover clear.
- Typical working properties of polycarbonate are -40° to 250°F (-40° to 121°C).
- No charge for custom label. (See reverse for details.)
- Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

STI Universal Stopper®

Dimensions and Technical Information

BUILD YOUR MODEL

STI-1

Cover Options

- 3 = Dome Cover
- 4 = Low Profile Cover*

*Only available with Hood/Horn option "0"

Mounting Options

- 0 = Flush Mount
- 2 = Surface Mount
- 3 = Enclosed Flush Back Box
- 4 = Enclosed Back Box & Sealed Mounting Plate**
- 5 = Enclosed Back Box & Opened Mounting Plate**
- 8 = Enclosed Back Box & European Sealed Mounting Plate**
- 9 = Enclosed Back Box & European Open Mounting Plate**

**all colors except NC

Hood/Horn

- 0 = No Label Hood (Label must start with 'N.' If Hood/Horn Option = 0 and Mounting Option = 0 or 3, the label must be NC)
- 1 = Label Hood without Horn**
- 2 = Label Hood with Horn**
- 3 = Label Hood with Horn & Relay**

**all colors except NC

Special Electronics

- 0 = None
- 1 = Heat (available with Mounting Options 4, 5, 8 & 9)**

**Coming soon

Housing/Horn Color & Label

Fire label	Free Custom label*
FR = Red -- Fire label	CK = Black*
No label	CB = Blue*
NK = Black	CG = Green*
NB = Blue	CR = Red*
NC = Clear	CW = White*
NG = Green	CY = Yellow*
NR = Red	
NW = White	*must provide custom
NY = Yellow	label wording (2 lines,
	20 characters per line
	including spaces)

COVER OPTIONS - SIDE VIEW



Dome



Low Profile

MOUNTING OPTIONS



FLUSH



SURFACE



BACK BOX
Enclosed
Flush



BACK BOX
With Sealed
Mounting Plate



BACK BOX
With Opened
Mounting Plate



BACK BOX
With European
Sealed
Mounting Plate



BACK BOX
With European
Opened
Mounting Plate

APPROVAL & WARRANTY

TESTING

- ADA Compliant

Cover option '3' only has been tested and approved or listed by:

- UL/cUL Listed No. S2466 (Type rating pending). Excludes mounting options 8 and 9.

Flush, Surface or Back Box with opened Mounting Plate

- IP Rating 56

Back Box with sealed Mounting Plate

- IP Rating 66

WARRANTY

Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

IMPORTANT NOTICE

When used on fire systems, Universal Stopper is intended for areas where the incidence of false fire alarms from manual pull stations is high or has proven to be a serious problem. Any disadvantage of the device is more than balanced when one considers the consequences of false fire alarms, especially if fire service personnel and equipment are responding to a false fire alarm when they are needed for a real fire somewhere else. Add to this the disruption to the facility when false alarms occur. If you have, or may have, a problem with false fire alarms or physical/weather damage to your fire alarm activation devices, the Universal Stopper could prove invaluable.



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Free: 0800 085 1678 (UK)
www.sti-europe.com

Fire Detection Devices CR/CF-MP Series Moisture-Proof Heat Detectors



Description

The CR and CF-MP Series Moisture Proof Detectors are designed for hazardous locations and Moisture Proof applications. Each Moisture Proof detector is available in single or multiple circuits with open and/or closed contact configurations, and any of the fixed temperature settings including 135, 165, 200 and 285 degrees Fahrenheit.

The Moisture Proof detector is characterized by a black phenol-plastic seal plate and black and white pigtail connections. It is specified for use in high humidity environments and areas that are subject to corrosive elements or spray washing. The suffix "MP" denotes "Moisture Proof".

→ CR-135MP

The Model CR-135MP is a combination Rate-of-Rise and Fixed Temperature detector. A set of normally open contacts will close when the ceiling temperature increases at a (minimum) rate of 8.4°C (15°F) per minute. Closing the contacts initiates the fire alarm sequence. Independent of the rate-of-rise operation, the fixed temperature portion consists of a spring-loaded plunger retained by a fusible alloy that releases when the ceiling temperature reaches 135°F (57°C). When released, the plunger strikes the contacts and holds them closed. Spacing on an uninterrupted ceiling is 70 ft. (21.3m) for the rate-of-rise; 40 ft. (12.2m) for the fixed temperature portion.

Features

- Dual Action Rate of Rise & Fixed Temperature
- Detects Rate of Ambient temperature rise of 8°C (15°F)
- Detectors operating on fixed temperatures are only available in two settings of 135°F (57°C) or 200°F (93°C)
- Clear-anodized aluminium finish

CF-135MP

The Model CF-135MP is a Fixed Temperature Only detector. The fixed temperature portion consists of a spring-loaded plunger retained by a fusible alloy that releases when the ceiling temperature reaches 135°F (57°C). When released, the plunger strikes a normally open set of contacts and holds them closed. Spacing on an uninterrupted ceiling is 40 ft. (21.3m). The CF-135MP is identified by a black dot on its heat collector fin.

CR-200MP

The Model CR-200MP is a combination Rate-of-Rise and Fixed Temperature detector that operates in the same way as the CR-135MP, with the exception that the fixed temperature portion releases when the ceiling temperature reaches 200°F (93°C). Spacing on an uninterrupted ceiling is 70 ft. (21.3) for the rate-of-rise, and 25 ft. (7.6m) for the fixed temperature portion (a reduced spacing parameter from the CF-135MP). The CR-200MP is identified by a white dot on its heat collector fin.

CF-200MP

The Model CF-200MP is a Fixed Temperature Only detector. The fixed temperature portion releases when the ceiling temperature reaches 200°F (93°C). Spacing is 25 ft., (7.6m). The CF-200MP is identified by a black dot and a white dot on the heat collector fin.



Contact Configurations

Any Detector in the Moisture Proof Series is available in Normally Open (by far the most common) or Normally Closed, or Multiple Circuit configurations. The Model Number does not reflect the Normally Open configuration, however the letter "C" denotes Normally Closed. For example: "CR 135 C MP" describes a rate-of-rise / fixed temperature detector, fusing at 135°F., with Normally Closed contacts, assembled with the moisture proof seal plate.

Engineering Specifications

The CR & CF Series Moisture Proof detectors shall be installed in areas where corrosive elements exist or washing of walls and ceiling surfaces is commonplace. The fixed temperature portion and the rate-of-rise operation shall be determined by the ambient temperature. The Moisture Proof detectors shall be installed in areas where environmental conditions including dust, vapours, insects, etc., would cause an ionization or photoelectric type detector to initiate a false alarm.

Specifications


Contact Rating
3A @ 125 VAC
1A @ 28 VDC
0.3A @ 125 VDC
0.1A @ 250 VDC


Dimensions	
Diameter	5.25" (13.4 cm)
Height	2.0" (4.85 cm)
Weight	
0.41 lb. (330 gm)	

Ordering Information

Model Number	Description
CR-135MP	Rate of Rise & Fixed Temperature to 135°F (57°C) Moisture Proof Heat Detector
CR-200MP	Rate of Rise & Fixed Temperature to 200°F (93°C) Moisture Proof Heat Detector
CF-135MP	Fixed Temperature 135°F (57°C) Moisture Proof Heat Detector
CF-200MP	Fixed Temperature 200°F (93°C) Moisture Proof Heat Detector

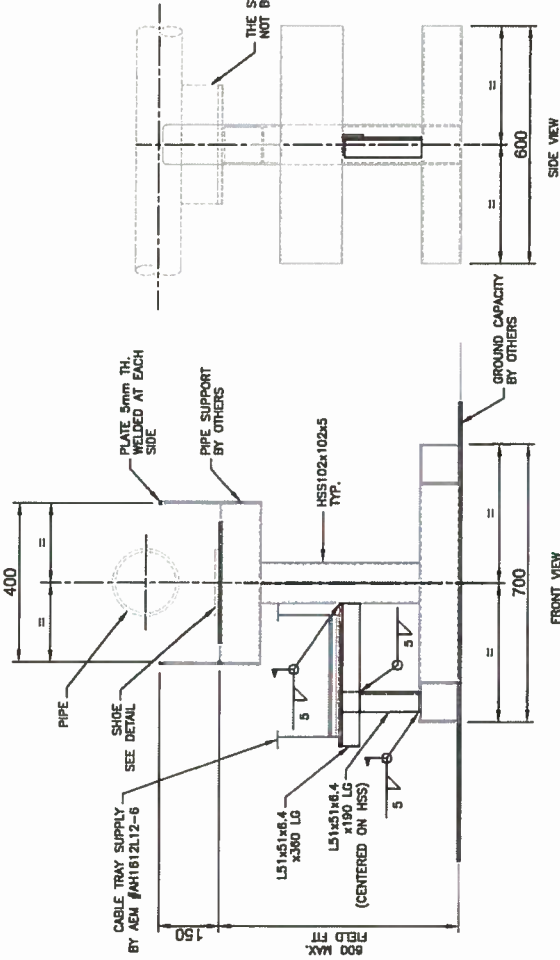


 <div>Vendor Document Status</div>	
AGNICO EAGLE	
1 <input type="checkbox"/>	Proceed to next submission and status.
2 <input type="checkbox"/>	Proceed with exceptions as noted to next submission and status.
3 <input type="checkbox"/>	Do not proceed.
3 <input type="checkbox"/>	Revise as noted and resubmit next submission and status.
4 <input checked="" type="checkbox"/>	Complete, no further submission required.
By: Joël Morliere Date: 2017-06-12	
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Agnico Eagle No. 6515-C-270-007-265-SPD-0001 R: Sub001	
DOCUMENT FOR INFORMATION	

 <div>SHOP DRAWING DATA SHEET</div>	
Attaching this stamp confirms that an administrative review of the drawings and specifications was conducted and that the drawings or specifications were approved for construction. The contractor is responsible for the accuracy and completeness of the drawings and specifications and for performing all work in a safe and satisfactory manner.	
<input checked="" type="checkbox"/> Reviewed	<input type="checkbox"/> Reviewed as noted
<input type="checkbox"/> Rejected	<input type="checkbox"/> Filed for records
The contractor, supplier and/or sub-contractor is responsible for confirming and coordinating all processes and techniques of construction, including his or her work with that of all other trades and performing all work in a safe and satisfactory manner.	
By: J. Morliere Date: 2017/06/12	
Project # 151-06440-40	

GENERAL NOTES

- 01- STRUCTURAL STEEL MUST RESPECT CRITERIA LISTED IN CAN/CSA-C40.20 AND CAN/CSA-C40.21, GRADE 350 W. WITH EXCEPTION OF C AND L PROFILES WHICH ARE TO BE OF GRADE 300 W. HSS PROFILES TO BE OF ASTM 500 TYPE C GRADE 345 W.
- 02- ALL STRUCTURAL MEMBERS MUST BE CLEANED BY GRINDING PRIOR TO ALL WELDING WORKS.
- 03- THE CONTRACTOR OR SUB-CONTRACTOR MUST PROCEED WITH ALL WELDING WORKS IN ACCORDANCE WITH W59-03(R2006). HE MUST ALSO BE CERTIFIED AS PER W47.1-08(R2014). THE ENGINEER/OWNER RESERVES THE RIGHT TO VERIFY THESE CERTIFICATIONS BEFORE AS WELL AS AFTER THE PROJECT COMMENCEMENT.
- 04- PAINT BY OTHERS



CABLE TRAY SUPPORT
ÉCHELLE : 1 : 15



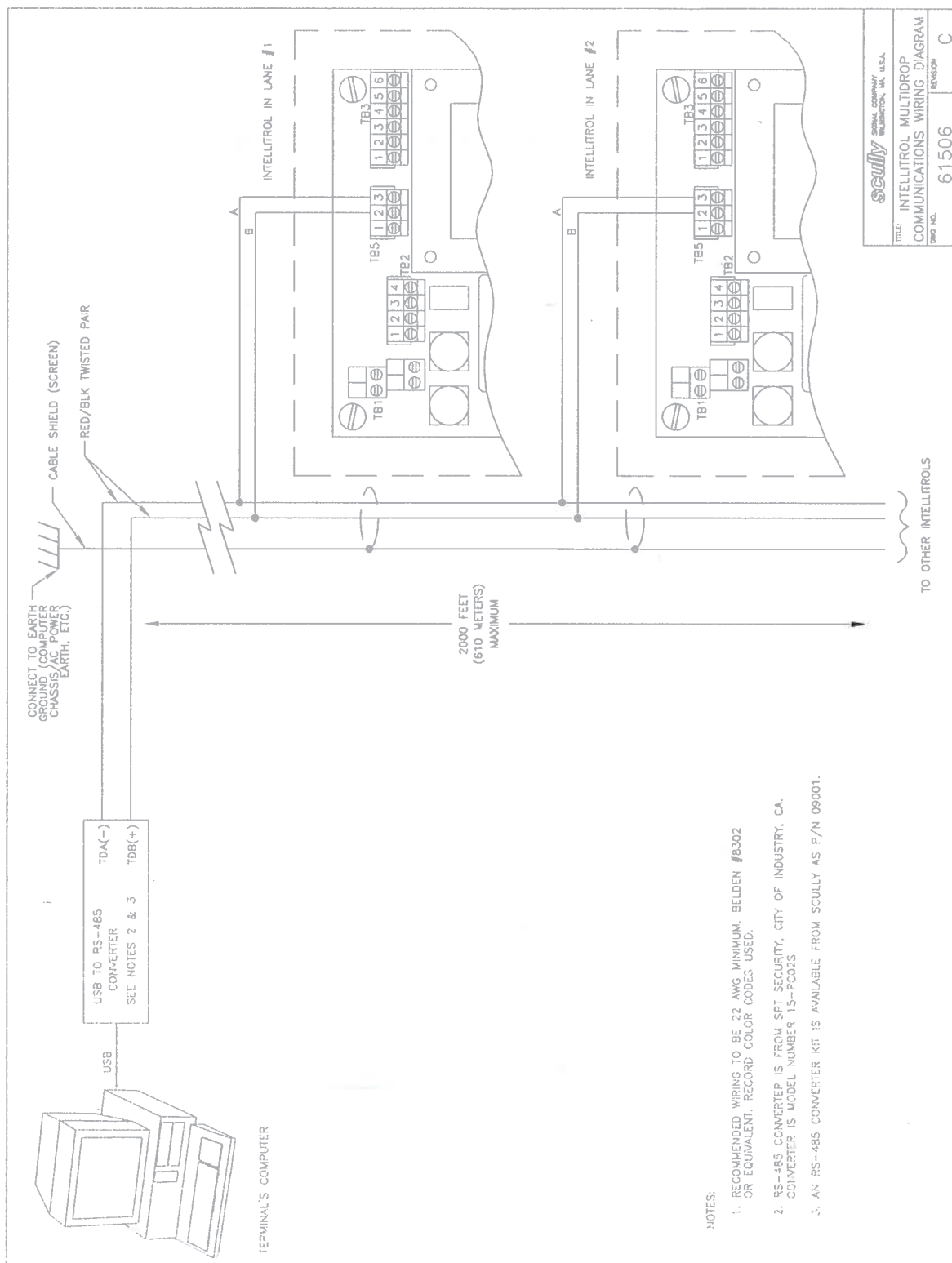
**POUR CONSTRUCTION
FOR CONSTRUCTION**
SNC-LAVALIN
2017-05-05

0	2017-05-05	ISSUED FOR CONSTRUCTION	MLAN	M.DIA	S.CHA	SNC-Lavalin Staveland Inc. 150, rue Gamble Ouest Rouyn-Noranda (Québec) J8X 2R7 Tel.: 819 764-5181 Fax: 819 751-0158 www.snc-lavalin.com	Client / Project : AGNICO EAGLE - MELIADINE DIVISION
A	2017-05-04	ISSUED FOR APPROVAL	MLAN	M.DIA	S.CHA		Title : 103 - COMBUSTIBLES SUPPORT SECTION
REV.	DATE	ISSUES	BY	CHK	APP.		Scale : INDICATED
Drawn by : Michel Lanthier, tech.	Verified by : Mohamed Diallo, ing.	Project manager : Dany Lambert, ing.	Project # : 643812-0000	Reference : -			Rev. : 0
Designed by : Mohamed Diallo, ing.	Approved by : Mohamed Diallo, ing.	Org. Date : 2017-05-04					Drawing # : 643812-0000-43DD-0001



 VIKING FIRE PROTECTION INC.	AUNICO PAULÉ - MICHÈLE DENOISE 101 COMBUSTIBLE RAMKIN MONTREAL - QUEBEC		000 000 000 107740		
	MONTREAL - QUEBEC 101 COMBUSTIBLE RAMKIN MONTREAL - QUEBEC		000 000 000 107740		
101 COMBUSTIBLE RAMKIN MONTREAL - QUEBEC		101 COMBUSTIBLE RAMKIN MONTREAL - QUEBEC		101 COMBUSTIBLE RAMKIN MONTREAL - QUEBEC	

Multi-drop Communications Field Wiring Diagram Dwg No. 61506 has changed to Rev C.
The RS-232 to RS-485 Converter has changed to a USB to RS-485 Converter.



Technical Manual 61286 Addendum

Your Intellitrol may have a CPU board layout different than that shown on page 20 Figure 5, in which case the below layout should be used. All jumper block references are the same for both layouts.

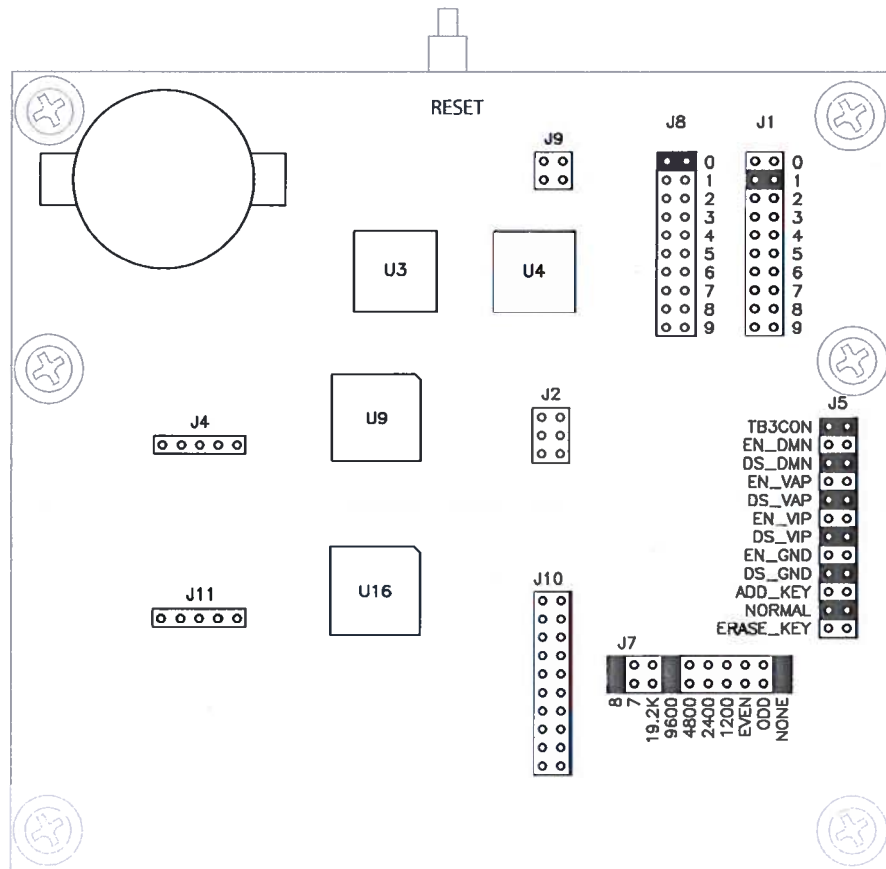


Figure 5A: Alternate CPU Board Layout

FINAL INSPECTION & TEST RECORD SHEET

Intellitrol Model IC ☐ - ☐ 0 ☐ G ☐ -

Part Number 08908

Module S/N 196D711F

System Configuration Information

Mains Power:	120 VAC	<input checked="" type="checkbox"/>	240 VAC	<input type="checkbox"/>
No. of Sensing Channels:	6	<input type="checkbox"/>	8	<input checked="" type="checkbox"/>
Threshold Voltage:	3.5 VDC	<input checked="" type="checkbox"/>	3.8 VDC	<input type="checkbox"/>
I.S. Output Jumpers:	STD.	<input checked="" type="checkbox"/>	CEN.	<input type="checkbox"/>
Configured Options:				
Ground Verification:	N/A	<input type="checkbox"/>	Gnd. Bolt	<input checked="" type="checkbox"/> Resistive <input type="checkbox"/>
Vehicle I.D. (VIP):	N/A	<input checked="" type="checkbox"/>	Installed	<input type="checkbox"/>

Electrical Inspection Verification

Complete

2-Wire Optic/ Therm.

5-Wire Optic

I.S. Output:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AC Output Relay Permissive:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AC Output Relay Non-Perm.:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dry Output Relay Permissive:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dry Output Relay Non-Perm.:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Status Lamps / Diag. Display:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

U9 Rev 1.36
U16 Rev 1.12

Complete

N/A

Ground Verification:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hi-Pot Test:	<input checked="" type="checkbox"/>	
Vehicle I.D.:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Optical Bypass Port:	<input checked="" type="checkbox"/>	
Comm. Port:	<input checked="" type="checkbox"/>	
Truck Attached Output:	<input checked="" type="checkbox"/>	
Deadman Input:	<input checked="" type="checkbox"/>	
Burn In:	<input type="checkbox"/>	

Tested By: AS
Date: 3-26-18



Q.A. Approval: PS
Date: 3-26-18



Scully Signal Company, 70 Industrial Way, Wilmington, MA 01887, USA



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **JEAN-FRANCOIS TREMBLAY**

Date: **2017-06-29**

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Agnico Eagle
No.

6515-C-270-007-141-TES-0002 R: **Sub002**

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-001
GENERAL
6515-C-270-007



Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	C completed By/ Date
1	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURERS DRAWINGS	C	NC # _____	N/A	Promec: CLIENT:
2	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
3	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
4	GROUNDING INSTALLED AND CONNECTED	C	NC # _____	N/A	Promec: CLIENT:
5	TERMINAL CONNECTION CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
6	BREAKER CONNECTIONS CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
7	LUG BOLT TORQUE	C	NC # _____	N/A	Promec: CLIENT:
8	POWER BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
9	GROUND BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
10	MEGGER EQUIPMENT	C	NC # _____	N/A	Promec: CLIENT:
11	MEGGER CABLES	C	NC # _____	N/A	Promec: CLIENT:
12	HIPOT TEST	C	NC # _____	N/A	Promec: CLIENT:
13	PANELS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
14	UNIT DRAWER IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
15	BREAKERS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
16	CABLES IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
17	SEAL O RING INSTALLED (IF APPLICABLE)	C	NC # _____	N/A	Promec: CLIENT:
18	FUSES INSTALLED AND OF ADEQUATE SIZE	C	NC # _____	N/A	Promec: CLIENT:
18	VISUAL INSPECTION	C	NC # _____	N/A	Promec: CLIENT:
20	CLEAN / VACUUMED	C	NC # _____	N/A	Promec: CLIENT:



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number: AEM-EL-ITR-001
ITR Type: GENERAL
Contract No.: 6515-C-270-007



Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
21	PANEL AND DOOR CLOSED AND BOLTED	C	NC # _____	N/A	Promec: CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **JEAN-FRANCOIS TREMBLAY**

Date: **2017-06-29**

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Agnico Eagle
No.

6515-C-270-007-141-TES-0002 R: Sub002

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-001
GENERAL
6515-C-270-007



Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURERS DRAWINGS	C	NC # _____	N/A	Promec: CLIENT:
2	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
3	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
4	GROUNDING INSTALLED AND CONNECTED	C	NC # _____	N/A	Promec: CLIENT:
5	TERMINAL CONNECTION CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
6	BREAKER CONNECTIONS CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
7	LUG BOLT TORQUE	C	NC # _____	N/A	Promec: CLIENT:
8	POWER BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
9	GROUND BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
10	MEGGER EQUIPMENT	C	NC # _____	N/A	Promec: CLIENT:
11	MEGGER CABLES	C	NC # _____	N/A	Promec: CLIENT:
12	HI-POT TEST	C	NC # _____	N/A	Promec: CLIENT:
13	PANELS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
14	UNIT DRAWER IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
15	BREAKERS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
16	CABLES IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
17	SEAL O RING INSTALLED (IF APPLICABLE)	C	NC # _____	N/A	Promec: CLIENT:
18	FUSES INSTALLED AND OF ADEQUATE SIZE	C	NC # _____	N/A	Promec: CLIENT:
18	VISUAL INSPECTION	C	NC # _____	N/A	Promec: CLIENT:
20	CLEAN / VACUUMED	C	NC # _____	N/A	Promec: CLIENT:



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-001
GENERAL
6515-C-270-007



Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
21	PANEL AND DOOR CLOSED AND BOLTED	C	NC # _____	N/A	Promec: CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **JEAN-FRANCOIS TREMBLAY**

Date: **2017-06-29**

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Agnico Eagle
No.

6515-C-270-007-141-TES-0002 R: Sub002

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-001
GENERAL
6515-C-270-007



Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURERS DRAWINGS	C	NC # _____	N/A	Promec: CLIENT:
2	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
3	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
4	GROUNDING INSTALLED AND CONNECTED	C	NC # _____	N/A	Promec: CLIENT:
5	TERMINAL CONNECTION CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
6	BREAKER CONNECTIONS CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
7	LUG BOLT TORQUE	C	NC # _____	N/A	Promec: CLIENT:
8	POWER BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
9	GROUND BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
10	MEGGER EQUIPMENT	C	NC # _____	N/A	Promec: CLIENT:
11	MEGGER CABLES	C	NC # _____	N/A	Promec: CLIENT:
12	HI-POT TEST	C	NC # _____	N/A	Promec: CLIENT:
13	PANELS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
14	UNIT DRAWER IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
15	BREAKERS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
16	CABLES IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
17	SEAL O RING INSTALLED (IF APPLICABLE)	C	NC # _____	N/A	Promec: CLIENT:
18	FUSES INSTALLED AND OF ADEQUATE SIZE	C	NC # _____	N/A	Promec: CLIENT:
18	VISUAL INSPECTION	C	NC # _____	N/A	Promec: CLIENT:
20	CLEAN / VACUUMED	C	NC # _____	N/A	Promec: CLIENT:



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number: AEM-EL-ITR-001
ITR Type: GENERAL
Contract No.: 6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
21	PANEL AND DOOR CLOSED AND BOLTED	C	NC # _____	N/A	Promec: CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



AGNICO EAGLE

Vendor Document Status

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
☐ Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **Jean-Francois Tremblay**

Date: 2017-05-02

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Agnico Eagle
No.

6515-C-270-007-141-TES-0013 R: Sub001

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd.



AGNICO EAGLE

Contract Title: Fuel Tanks Piping Supply and Installation
Subject: Equipment Torque

Contract No.: 6515-C-270-007
ITR No.: AEM-EL-ITR-006

Torque #:
Date:

Calibration due Date: _____
By: _____

[illegible]

Promec's Representative Signature

Date _____

Client's Representative Signature

Date _____

Rev. 0

AEM-EL-ITR-006/Page 1 of 1

2013-05-13



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **JEAN-FRANCOIS TREMBLAY**

Date: **2017-06-22**

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Agnico Eagle
No.

6515-C-270-007-141-TES-0028 R: Sub002

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-IN-ITR-005A
PCR PANEL
6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	INSTRUMENT TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
2	CABLE TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
3	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURER'S DRAWING	C	NC # _____	N/A	Promec: CLIENT:
4	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
5	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
6	WIRING CORRECT AND PROPERLY LABELED	C	NC # _____	N/A	Promec: CLIENT:
7	GROUNDING INSTALLED AND CONNECTED	C	NC # _____	N/A	Promec: CLIENT:
8	CLEAN OUT ENCLOSURE	C	NC # _____	N/A	Promec: CLIENT:
9	OPENING DOOR ADEQUATE	C	NC # _____	N/A	Promec: CLIENT:
10	CALIBRATION CERTIFICATE AVAILABLE	C	NC # _____	N/A	Promec: CLIENT:
11	ELECTRICAL SUPPLY COMPATIBLE WITH SOURCE	C	NC # _____	N/A	Promec: CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



AGNICO EAGLE

Vendor Document Status

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **LUC SÉNÉCAL**

Date: **2017-07-10**

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Agnico Eagle
No.

6515-C-270-007-141-TES-0009 R: Sub002

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-002
HEATING UNIT
6515-C-270-007



Tag Number:	65HEA 416 03	Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	CHECK FOR PROPER SIZE OF CIRCUIT BREAKERS IN DISTRIBUTION PANEL	C	NC # _____	N/A	Promec: <i>MN</i> CLIENT: _____
2	CHECK FOR PROPER TAGGING AND LABELLING OF ALL PARTS AS SHOWN ON THE DRAWINGS	C	NC # _____	N/A	Promec: <i>MN</i> CLIENT: _____
3	CHECK FOR PROPER OPERATION OF THERMOSTATS AND/OR TEMPERATURE CONTROLLERS	C	NC # _____	N/A	Promec: <i>MN</i> CLIENT: _____
4	FINAL INSPECTION COMPLETE. DEFICIENCY LIST ITEMS CLEARED	C	NC # _____	N/A	Promec: <i>MN</i> CLIENT: _____

Comments

Sign Off			
Promec Signature:	<i>[Signature]</i>	CLIENT Signature:	
Date:	6 sept 2018	Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-002
HEATING UNIT
6515-C-270-007



Tag Number:	65 HEA416 04	Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	CHECK FOR PROPER SIZE OF CIRCUIT BREAKERS IN DISTRIBUTION PANEL	C	NC # _____	N/A	Promec: MN CLIENT:
2	CHECK FOR PROPER TAGGING AND LABELLING OF ALL PARTS AS SHOWN ON THE DRAWINGS	C	NC # _____	N/A	Promec: MN CLIENT:
3	CHECK FOR PROPER OPERATION OF THERMOSTATS AND/OR TEMPERATURE CONTROLLERS	C	NC # _____	N/A	Promec: MN CLIENT:
4	FINAL INSPECTION COMPLETE. DEFICIENCY LIST ITEMS CLEARED	C	NC # _____	N/A	Promec: MN CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:	6 sept 2018	Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-002
HEATING UNIT
6515-C-270-007



Tag Number:	65 HEA 416 06	Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	CHECK FOR PROPER SIZE OF CIRCUIT BREAKERS IN DISTRIBUTION PANEL	C	NC # _____	N/A	Promec: <i>MM</i> CLIENT:
2	CHECK FOR PROPER TAGGING AND LABELLING OF ALL PARTS AS SHOWN ON THE DRAWINGS	C	NC # _____	N/A	Promec: <i>MM</i> CLIENT:
3	CHECK FOR PROPER OPERATION OF THERMOSTATS AND/OR TEMPERATURE CONTROLLERS	C	NC # _____	N/A	Promec: <i>MM</i> CLIENT:
4	FINAL INSPECTION COMPLETE. DEFICIENCY LIST ITEMS CLEARED	C	NC # _____	N/A	Promec: <i>MM</i> CLIENT:

Comments

Sign Off	
Promec Signature: <i>[Signature]</i>	CLIENT Signature:
Date: 6 sept 2018	Date:

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-002
HEATING UNIT
6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	CHECK FOR PROPER SIZE OF CIRCUIT BREAKERS IN DISTRIBUTION PANEL	C	NC # _____	N/A	Promec: CLIENT:
2	CHECK FOR PROPER TAGGING AND LABELLING OF ALL PARTS AS SHOWN ON THE DRAWINGS	C	NC # _____	N/A	Promec: CLIENT:
3	CHECK FOR PROPER OPERATION OF THERMOSTATS AND/OR TEMPERATURE CONTROLLERS	C	NC # _____	N/A	Promec: CLIENT:
4	FINAL INSPECTION COMPLETE. DEFICIENCY LIST ITEMS CLEARED	C	NC # _____	N/A	Promec: CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend				
C	Conformance	NC	Non Conformance	N/A
NCR	Non Conformance Report			Not Applicable



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By:

Jean-Francois Tremblay

Date:

2017-05-02

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Agnico Eagle
No.

6515-C-270-007-141-TES-0018 R: Sub001

DOCUMENT FOR INFORMATION



Agnico-Eagle Mines Ltd.
Miscellaneous Field Report

ITR Number : AEM-GE-ITR-006
Contract no. : C22466T / C22498E



SYSTEM:	TAG NO. :	
LOCATION:	AREA:	UNIT:

DATE	ACTIVITY

PROMEC DESIGNATE - SIGNATURE

TITLE

DATE

CLIENT DESIGNATE - SIGNATURE

TITLE

DATE



AGNICO EAGLE

Vendor Document Status

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: Jean-Francois Tremblay Date: 2017-05-02

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Agnico Eagle
No. 6515-C-270-007-141-TES-0010 R: Sub001

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd.
Inspection and Testing Report
(C22498E)



AGNICO EAGLE

Contract Title: Fuel Tanks Piping Supply and Installation
Subject: Cable to Meg
Contract No.: 6515-C-270-007
ITR No.: AEM-EL-ITR-003

Tester #: 170617552
Date: 2017/07/04
Megger ?/Volts: 1000 Volts
Calibration due Date: 2018-07-05
By: TRESAL

Cable ID	Origin / Destination	Phase 1/Phase 2	Phase 2/Phase 3	Phase 1/Phase 3	Phase 1 /GND	Phase 2/GND	Phase 3/GND
65 Dis 41602-01-P1		OL	OL	OL	OL	OL	OL
65 Dis 41602-01		OL	OL	OL	OL	OL	OL
65 Dis 41602-02		OL	OL	OL	OL	OL	OL
65 Dis 41602-03		OL	OL	OL	OL	OL	OL
65 Dis 41602-04		OL	OL	OL	OL	OL	OL
65 Dis 41602-05		OL	OL	OL	OL	OL	OL
65 Dis 41602-06		OL	OL	OL	OL	OL	OL
65 Dis 41602-07		OL	OL	OL	OL	OL	OL
65 Dis 41602-08		OL	OL	OL	OL	OL	OL

Promec's Representative Signature:  Date: 2017/07/04
Client's Representative Signature: _____ Date: _____





Contract Title:

Fuel Tanks Piping Supply and Installation

Subject:

Contract No.: 6515-C-270-007

ITR No.: AEM-EL-ITR-003

Tester #:

170617552

Date:

50170/Free

Megger ?Volts:

Calibration due Date:

2018-07-05

By:

trescal

[illegible]

Promec's Representative Signature

2017/07/04

Date _____

Client's Representative Signature

Date _____



AGNICO-EAGLE MINES Ltd.
Inspection and Testing Report
(C22498E)



AGNICO EAGLE

Contract Title: Fuel Tanks Piping Supply and Installation Contract No.: 6515-C-270-007
Subject: Cable to Meg ITR No.: AEM-EL-ITR-003

Tester #: 170617552 Calibration due Date: 2018/07/05
Date: 2017/07/04 By: TRESAL
Megger ?/Volts: 1000 V

Cable ID	Origin / Destination	Phase 1/Phase 2	Phase 2/Phase 3	Phase 1/Phase 3	Phase 1 /GND	Phase 2/GND	Phase 3/GND
65 SPB 41602-05-P1		OL	OL	OL	OL	OL	OL
65 TRF 41603-P1		OL	OL	OL	OL	OL	OL
65 SPB 41602-06-P1		OL	OL	OL	OL	OL	OL
65 SPB 41602-06-P1A		OL	OL	OL	OL	OL	OL
65 SPB 41602-06-P1b		OL	OL	OL	OL	OL	OL
65 DSP 41603-4-P1		OL	OL		OL	OL	
65 DSP 41603-15-P1		OL	OL		OL	OL	
65 DSP 41603-6-P1		OL	OL		OL	OL	

Promec's Representative Signature: [Signature] Date: 2017/07/04
Client's Representative Signature: _____ Date: _____



AGNICO-EAGLE MINES Ltd.
Inspection and Testing Report
(C22498E)



AGNICO EAGLE

Contract Title: Fuel Tanks Piping Supply and Installation
Subject: Cable to Meg

Contract No.: 6515-C-270-007
ITR No.: AEM-EL-ITR-003

Tester #:

Date:

Megger ?/Volts:

170617552

2018-07-10

5000V

Calibration due Date:

By:

2018-07-05

TRISCAL

Cable ID	Origin / Destination	Phase 1/Phase 2	Phase 2/Phase 3	Phase 1/GND	Phase 2/GND	Phase 3/GND
65 Dps 11601-11-P1	outside filtration container tank 1	OL		OL	OL	
65 Dps 11601-20-P1	SAME	OL		OL	OL	
65 Dps 11601-27-29P1	SAME	OL		OL	OL	
65 Dps 11601-31-33P1	SAME	OL		OL	OL	

Promec's Representative Signature

2018-07-10

Date

Client's Representative Signature

Date





AGNICO-EAGLE MINES Ltd.
Inspection and Testing Report
(C22498E)



AGNICO EAGLE

Contract Title:

Fuel Tanks Piping Supply and Installation

Subject:

Cable to Meg

Contract No.: 6515-C-270-007

ITR No.: AEM-EL-ITR-003

Tester #:

Date:

Megger ?/Volts:

160717222

11/1801815

MTP 4055 15000V

Calibration due Date:

By:

2018/10/17

Primo adjustment

[illegible]

Promec's Representative Signature

Date _____

Client's Representative Signature

Date _____



AGNICO-EAGLE MINES Ltd.
Inspection and Testing Report
(C22498E)

Heat cable



AGNICO EAGLE

Contract Title: Fuel Tanks Piping Supply and Installation
Subject: Cable to Meg
Contract No.: 6515-C-270-007
ITR No.: AEM-EL-ITR-003

Tester #: 160717332
Date: 2018/08/11
Megger ?/Volts: MTP 4055 15000V
Calibration due Date: 2018/10/11
By: PRIMO Instrument

Cable ID	Origin / Destination	Phase 1/Phase 2	Phase 2/Phase 3	Phase 1/GND	Phase 2/GND	Phase 3/GND
Heat cable Swtch to And Line (power box) 1 1/2" pipe		63.4Ω		OL	OL	
Heat cable power box to H6 1 1/2 pipe		64.2Ω		OL	OL	
Heat cable Swtch to And Line (power box) 2" pipe		64.2Ω		OL	OL	
Power box to saline storage water 2" pipe		105Ω		OL	OL	

← cable still on coil

2018/10/06

Promec's Representative Signature
Client's Representative Signature
Date
Date



AGNICO-EAGLE MINES Ltd.
Inspection and Testing Report
(C22498E)



Contract Title: Fuel Tanks Piping Supply and Installation

Subject: Cable to Meg

Contract No.: 6515-C-270-007
ITR No.: AEM-EL-ITR-003

Tester #:

Date:

Megger ?Volts:

160717332

2018/08/11

MTp 4055 1500V

Calibration due Date:

By:

2018/10/17

PRIMO instrument

Cable ID	Origin / Destination	Phase 1/Phase 2	Phase 1/Phase 3	Phase 1 /GND	Phase 2/GND	Phase 3/GND
Swtp to saline storage water 4" pipe		68Ω		OL	OL	
Swtp to underground sleeve pipe 4"		88.8Ω		OL	OL	
Swtp to Dome 1		96.5Ω		OL	OL	
		↑				
		cable				
		still on coil				

1

2018/10/06

Promec's Representative Signature

Date _____

Client's Representative Signature

Date _____



AGNICO EAGLE

ITR No.: AEM-EL-ITR-003

Calibration due Date:

By:

Megger ?/Volts:

[illegible]

Date _____

Rev. 0

AEM-EL-ITR-003/Page 1 of 2

2013-05-13



AGNICO-EAGLE MINES Ltd.
Inspection and Testing Report
(C22498E)



AGNICO EAGLE

Contract Title: Fuel Tanks Piping Supply and Installation

Contract No.: 6515-C-270-007

Subject: Cable to Meg

ITR No.: AEM-EL-ITR-003



AGNICO EAGLE

Vendor Document Status

- 1** ☐ Proceed to next submission and status.
- 2** ☐ Proceed with exceptions as noted to next submission and status.
- 3** ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4** ☒ Complete, no further submission required.

By: **Jean-Francois Tremblay** Date: 2017-05-02

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Agnico Eagle
No.

6515-C-270-007-141-TES-0011 R: Sub001

DOCUMENT FOR INFORMATION



AGHICO EAGLE

Contract No.: 6515-C-270-007
ITR No.: AEM-EL-ITR-004

[illegible]

SECTION
INSTRUMENTATION CABLES
TESTS SHEETS



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
☐ Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **Jean-Francois Tremblay** Date: 2017-05-02

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Agnico Eagle
No.

6515-C-270-007-141-TES-0011 R: Sub001

DOCUMENT FOR INFORMATION



AGNICO EAGLE

2013-05-13



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By:

Jean-Francois Tremblay

Date: 2017-05-02

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Agnico Eagle
No.

6515-C-270-007-141-TES-0018 R: Sub001

DOCUMENT FOR INFORMATION



Agnico-Eagle Mines Ltd.
Miscellaneous Field Report

ITR Number : AEM-GE-ITR-006
Contract no. : C22466T / C22498E



SYSTEM:	TAG NO. :	
LOCATION:	AREA:	UNIT:

DATE	ACTIVITY

PROMEC DESIGNATE - SIGNATURE

TITLE

DATE

CLIENT DESIGNATE - SIGNATURE

TITLE

DATE



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By:

Jean-Francois Tremblay

Date:

2017-05-02

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Agnico Eagle

No.

6515-C-270-007-141-TES-0002 R: Sub001

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number: AEM-EL-ITR-001
ITR Type: GENERAL
Contract No.: 6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	C completed By/ Date
1	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURERS DRAWINGS	C	NC # _____	N/A	Promec: CLIENT:
2	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
3	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
4	GROUNDING INSTALLED AND CONNECTED	C	NC # _____	N/A	Promec: CLIENT:
5	TERMINAL CONNECTION CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
6	BREAKER CONNECTIONS CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
7	LUG BOLT TORQUE	C	NC # _____	N/A	Promec: CLIENT:
8	POWER BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
9	GROUND BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
10	MEGGER EQUIPMENT	C	NC # _____	N/A	Promec: CLIENT:
11	MEGGER CABLES	C	NC # _____	N/A	Promec: CLIENT:
12	HI POT TEST	C	NC # _____	N/A	Promec: CLIENT:
13	PANELS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
14	UNIT DRAWER IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
15	BREAKERS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
16	CABLES IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
17	SEAL O RING INSTALLED (IF APPLICABLE)	C	NC # _____	N/A	Promec: CLIENT:
18	FUSES INSTALLED AND OF ADEQUATE SIZE	C	NC # _____	N/A	Promec: CLIENT:
18	VISUAL INSPECTION	C	NC # _____	N/A	Promec: CLIENT:
20	CLEAN / VACUUMED	C	NC # _____	N/A	Promec: CLIENT:



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number: AEM-EL-ITR-001
ITR Type: GENERAL
Contract No.: 6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
21	PANEL AND DOOR CLOSED AND BOLTED	C	NC # _____	N/A	Promec: CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend				
C	Conformance	NC	Non Conformance	N/A
NCR	Non Conformance Report			Not Applicable



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By:

Jean-Francois Tremblay

Date:

2017-05-02

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Agnico Eagle
No.

6515-C-270-007-141-TES-0002 R: Sub001

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-EL-ITR-001
GENERAL
6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURERS DRAWINGS	C	NC # _____	N/A	Promec: CLIENT:
2	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
3	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
4	GROUNDING INSTALLED AND CONNECTED	C	NC # _____	N/A	Promec: CLIENT:
5	TERMINAL CONNECTION CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
6	BREAKER CONNECTIONS CONNECTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
7	LUG BOLT TORQUE	C	NC # _____	N/A	Promec: CLIENT:
8	POWER BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
9	GROUND BUS BAR BOLTED AND TORQUED	C	NC # _____	N/A	Promec: CLIENT:
10	MEGGER EQUIPMENT	C	NC # _____	N/A	Promec: CLIENT:
11	MEGGER CABLES	C	NC # _____	N/A	Promec: CLIENT:
12	HI-POT TEST	C	NC # _____	N/A	Promec: CLIENT:
13	PANELS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
14	UNIT DRAWER IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
15	BREAKERS IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
16	CABLES IDENTIFIED	C	NC # _____	N/A	Promec: CLIENT:
17	SEAL O RING INSTALLED (IF APPLICABLE)	C	NC # _____	N/A	Promec: CLIENT:
18	FUSES INSTALLED AND OF ADEQUATE SIZE	C	NC # _____	N/A	Promec: CLIENT:
18	VISUAL INSPECTION	C	NC # _____	N/A	Promec: CLIENT:
20	CLEAN / VACUUMED	C	NC # _____	N/A	Promec: CLIENT:



AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report

ITR Number: AEM-EL-ITR-001
ITR Type: GENERAL
Contract No.: 6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
21	PANEL AND DOOR CLOSED AND BOLTED	C	NC # _____	N/A	Promec CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **JEAN-FRANCOIS TREMBLAY**

Date: **2017-06-22**

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Agnico Eagle
No.

6515-C-270-007-141-TES-0021 R: Sub002

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-IN-ITR-001B
FLOW SWITCH
6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	INSTRUMENT TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
2	CABLE TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
3	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURER'S DRAWING	C	NC # _____	N/A	Promec: CLIENT:
4	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
5	WIRING CORRECT AND PROPERLY LABELED	C	NC # _____	N/A	Promec: CLIENT:
6	FLOW ARROW OR ORIENTATION MATCHES PROCESS FLOW	C	NC # _____	N/A	Promec: CLIENT:
7	PROCESS CONNECTION ADEQUATE (SCREWED OR FLANGED)	C	NC # _____	N/A	Promec: CLIENT:
8	CALIBRATION CERTIFICATE AVAILABLE	C	NC # _____	N/A	Promec: CLIENT:
9	ELECTRICAL SUPPLY COMPATIBLE WITH SOURCE	C	NC # _____	N/A	Promec: CLIENT:
10		C	NC # _____	N/A	Promec: CLIENT:
11		C	NC # _____	N/A	Promec: CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend				
C	Conformance	NC	Non Conformance	N/A
NCR	Non Conformance Report			Not Applicable



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☒ Complete, no further submission required.

By: **JEAN-FRANCOIS TREMBLAY**

Date: **2017-06-22**

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Agnico Eagle
No. 6515-C-270-007-141-TES-0022 R: Sub002

DOCUMENT FOR INFORMATION



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-IN-ITR-001C
FLOW TRANSMITTER
6515-C-270-007



Tag Number:	65 FT 416 0129	Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	INSTRUMENT TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
2	CABLE TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
3	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURER'S DRAWING	C	NC # _____	N/A	Promec: CLIENT:
4	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
5	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
6	WIRING CORRECT AND PROPERLY LABELED	C	NC # _____	N/A	Promec: CLIENT:
7	MINIMUM STRAIGHT PIPE LENGTH UPSTREAM AND DOWNSTREAM REQUIREMENT	C	NC # _____	N/A	Promec: CLIENT:
8	GROUNDING OF DEVICE	C	NC # _____	N/A	Promec: CLIENT:
9	FLOW ARROW OR ORIENTATION MATCHES PROCESS FLOW	C	NC # _____	N/A	Promec: CLIENT:
10	DISPLAY VISIBLE	C	NC # _____	N/A	Promec: CLIENT:
11	PROCESS CONNECTION ADEQUATE (SCREWED OR FLANGED)	C	NC # _____	N/A	Promec: CLIENT:
12	CALIBRATION CERTIFICATE AVAILABLE	C	NC # _____	N/A	Promec: CLIENT:
13	ELECTRICAL SUPPLY COMPATIBLE WITH SOURCE	C	NC # _____	N/A	Promec: CLIENT:
Comments					

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



**AGNICO-EAGLE MINES Ltd.
Inspection & Testing Report**

ITR Number:
ITR Type:
Contract No.:

AEM-IN-ITR-001C
FLOW TRANSMITTER
6515-C-270-007



Tag Number:	65 FT 416 0135	Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	INSTRUMENT TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
2	CABLE TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
3	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURER'S DRAWING	C	NC # _____	N/A	Promec: CLIENT:
4	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
5	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
6	WIRING CORRECT AND PROPERLY LABELED	C	NC # _____	N/A	Promec: CLIENT:
7	MINIMUM STRAIGHT PIPE LENGTH UPSTREAM AND DOWNSTREAM REQUIREMENT	C	NC # _____	N/A	Promec: CLIENT:
8	GROUNDING OF DEVICE	C	NC # _____	N/A	Promec: CLIENT:
9	FLOW ARROW OR ORIENTATION MATCHES PROCESS FLOW	C	NC # _____	N/A	Promec: CLIENT:
10	DISPLAY VISIBLE	C	NC # _____	N/A	Promec: CLIENT:
11	PROCESS CONNECTION ADEQUATE (SCREWED OR FLANGED)	C	NC # _____	N/A	Promec: CLIENT:
12	CALIBRATION CERTIFICATE AVAILABLE	C	NC # _____	N/A	Promec: CLIENT:
13	ELECTRICAL SUPPLY COMPATIBLE WITH SOURCE	C	NC # _____	N/A	Promec: CLIENT:
Comments					

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-IN-ITR-001C
FLOW TRANSMITTER
6515-C-270-007



AGNICO EAGLE

Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	INSTRUMENT TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
2	CABLE TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
3	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURER'S DRAWING	C	NC # _____	N/A	Promec: CLIENT:
4	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN	C	NC # _____	N/A	Promec: CLIENT:
5	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
6	WIRING CORRECT AND PROPERLY LABELED	C	NC # _____	N/A	Promec: CLIENT:
7	MINIMUM STRAIGHT PIPE LENGHT UPSTREAM AND DOWNSTREAM REQUIREMENT	C	NC # _____	N/A	Promec: CLIENT:
8	GROUNDING OF DEVICE	C	NC # _____	N/A	Promec: CLIENT:
9	FLOW ARROW OR ORIENTATION MATCHES PROCESS FLOW	C	NC # _____	N/A	Promec: CLIENT:
10	DISPLAY VISIBLE	C	NC # _____	N/A	Promec: CLIENT:
11	PROCESS CONNECTION ADEQUATE (SCREWED OR FLANGED)	C	NC # _____	N/A	Promec: CLIENT:
12	CALIBRATION CERTIFICATE AVAILABLE	C	NC # _____	N/A	Promec: CLIENT:
13	ELECTRICAL SUPPLY COMPATIBLE WITH SOURCE	C	NC # _____	N/A	Promec: CLIENT:
Comments					

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number: AEM-IN-ITR-002A
ITR Type: PUSH BUTTON STATION
Contract No.: 6515-C-270-007

Vendor Document Status	
1	<input type="checkbox"/> Proceed to next submission and status.
2	<input type="checkbox"/> Proceed with comments as noted in next submission and status.
3	<input checked="" type="checkbox"/> Do not proceed. Review and resubmit next submission and status.
4	<input type="checkbox"/> Complete, no further submission required.
By: JEAN-PAUL THIBAUD Date: 2017-06-29 Review and submission to Client for general information only. This document is not for use in the design of the project. The Client is responsible for the accuracy and completeness of the information provided and for the safety of the project. The Client is responsible for the safety of the project. The Client is responsible for the safety of the project.	
6515-C-270-007-141-TES-002A - Sub002 DOCUMENT FOR INFORMATION	



Tag Number:		Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	INSTRUMENT TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
2	CABLE TAG ATTACHED	C	NC # _____	N/A	Promec: CLIENT:
3	DEVICE INSTALLED AS PER INSTALLATION DETAILS, LOCATION OR MANUFACTURER'S DRAWING	C	NC # _____	N/A	Promec: CLIENT:
4	EQUIPMENT ACCESSIBLE AND EASY TO MAINTAIN / OPERATE	C	NC # _____	N/A	Promec: CLIENT:
5	EQUIPMENT RACK OR CLAMPING DEVICE ADEQUATE (HEIGHT, SOLIDITY ETC.)	C	NC # _____	N/A	Promec: CLIENT:
6	WIRING CORRECT AND PROPERLY LABELED	C	NC # _____	N/A	Promec: CLIENT:
7		C	NC # _____	N/A	Promec: CLIENT:
8		C	NC # _____	N/A	Promec: CLIENT:
9		C	NC # _____	N/A	Promec: CLIENT:
10		C	NC # _____	N/A	Promec: CLIENT:
11		C	NC # _____	N/A	Promec: CLIENT:

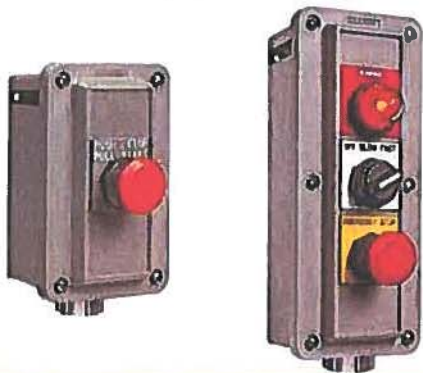
Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:		Date:	

Legend				
C	Conformance	NC	Non Conformance	N/A
NCR	Non Conformance Report			Not Applicable



D2C Series Control Stations



Factory Sealed
Contact Block
1 N.O./1 N.C.

Class I, Division 2, Groups A, B, C, D
Class I, Zone 2, Groups IIC, IIB, IIA
NEMA 3, 4, 4X, 7 (Div. 2)

Certified

Applications

This product is suitable for facilities where the presence of hazardous atmospheres and corrosive environments may exist.

D2C Materials

Enclosures & operators

- PBT polyester resin

Gaskets

- Neoprene/EPDM blend

Cover screws

- 316 Stainless Steel (captivated)

ONE OPERATOR:

SINGLE PUSH BUTTON (Momentary Contact)

COMPLETE UNITS (Box & Cover) DEAD-END	NPT SIZE	DIAGRAM	COLOR	LEGEND
D2CG2B1	3/4"		GREEN	START
D2CG2B2			RED	STOP
D2CG2B3			BLACK	BLANK

PUSH-PULL MUSHROOM BUTTON (Maintained Contact)

D2CG2MMR3	3/4"		RED	EMERGENCY STOP
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PILOT LIGHT (120V AC Light Emitting Diode Type)

D2CG2B24RL	3/4"		RED	BLANK
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2 POSITION ROTARY SELECTOR SWITCH (Maintained Contact)

COMPLETE UNITS (Box & Cover) DEAD-END	NPT SIZE	DIAGRAM	LEGEND
		LEFT CENTER RIGHT	
D2CG2S2A3	3/4"	-	OFF - ON

3 POSITION ROTARY SELECTOR SWITCH (Maintained Contact)

D2CG2S3C3	3/4"		HAND-OFF-AUTO
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TWO OPERATORS:

TWO PUSH BUTTONS (Both Momentary Contact)

COMPLETE UNITS (Box & Cover) DEAD-END	NPT SIZE	DIAGRAM	COLOR	LEGEND
D2CG2B4	3/4"		GREEN - RED	START-STOP
D2CG2B7			BLACK - BLACK	BLANK

PILOT LIGHT (120V AC LED) AND PUSH BUTTON (Momentary Contact)

D2CG2B13	3/4"		RED LENS, BLACK BUTTON	BLANK
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THREE OPERATORS: ** Specify pilot light lens marking, if required

PILOT LIGHT (120V AC LED) AND TWO PUSH BUTTONS (Both Momentary Contact)

COMPLETE UNITS (Box & Cover) DEAD-END	NPT SIZE	DIAGRAM	COLOR	LEGEND
D2CG8B15	3/4"		RED LENS, GREEN & RED BUTTONS	START-STOP

THREE PUSH BUTTONS (Each Momentary Contact)

D2CG8B9	3/4"		GREEN & RED & BLACK BUTTONS	START-STOP, BLANK
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NOTE: Special markings (if required) on blank legend plates may require additional lead time.



MR3 Hubbell Killark.PDF
KILLARK
A Division of Hubbell Incorporated (Delaware)



AGNICO-EAGLE MINES Ltd. Inspection & Testing Report

ITR Number:
ITR Type:
Contract No.:

AEM-IN-ITR-002A
PUSH BUTTON STATION
6515-C-270-007



AGNICO EAGLE

Tag Number:	65HSS 4160160-	Equipment/ Pipe N°:		System:	
Service:		Function:		Purchase Order:	
Manufacturer:		Model:		Serial Number:	
Location Dwg :		Reference Datasheet:		Installation Detail Dwg:	
Reference Datasheet Number:					

Item N°	Inspection Points	C	NC/ NCR #	N/A	Completed By/ Date
1	INSTRUMENT TAG ATTACHED	C	NC #	N/A	Promec: MN CLIENT:
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7		C	NC #	N/A	Promec: CLIENT:
8		C	NC #	N/A	Promec: CLIENT:
9		C	NC #	N/A	Promec: CLIENT:
10		C	NC #	N/A	Promec: CLIENT:
11		C	NC #	N/A	Promec: CLIENT:

Comments

Sign Off			
Promec Signature:		CLIENT Signature:	
Date:	6 sept 2018	Date:	

Legend					
C	Conformance	NC	Non Conformance	N/A	Not Applicable
NCR	Non Conformance Report				