
Part 1 GENERAL

1.1 SUMMARY

- .1 The fire alarm is existing and shall be modified as indicated in the drawings.

1.2 QUALITY ASSURANCE

- .1 Provide services of representative or technician from manufacturer of system, experienced in installation and operation of type of system being provided, to supervise installation, adjustment, preliminary testing, and final testing of system and to provide instruction to project personnel.

Part 2 PRODUCTS

2.1 WIRING

- .1 Multi-conductor cable assemblies with dedicated bonding wire CSA FAS105 and FT-4 rated, Standard of Acceptance: Securex 1.
- .2 To control circuits: 14 AWG minimum, and in accordance with manufacturer's requirements.
- .3 Install all wire in conduit. Use flexible metal conduit for final connect to all equipment that is not rigidly mounted (i.e. dampers) and to motors.
- .4 Ground all device boxes, etc.
- .5 All fire alarm wiring to be as recommended by fire alarm manufacturer.

Part 3 EXECUTION

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheet.

3.2 INSTALLATION

- .1 Install systems in accordance with CAN/ULC-S524 and TB OSH Chapter 3-4.
- .2 Run all fire alarm wiring in conduit.
- .3 Install all connections to existing system. Install all hardware as needed.
- .4 Splices are not permitted.
- .5 Ensure that wiring is free of opens, shorts or grounds, before system testing and handing over.

3.3 FIELD QUALITY CONTROL

- .1 Perform tests in accordance with Section 26 05 00 - Common Work Results for Electrical.

- .2 Provide fire alarm verification certificate.

3.4 CLEANING

- .1 Upon completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

END OF SECTION