



SECTION 26 05 16 – EMERGENCY CIRCUIT CONDUCTORS AND CABLES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes building wires and cables and associated connectors, splices and terminations for emergency or critical circuits rated 600 V and less.

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.

1.3 INSTALLATION

- A. Run smoke control system evacuation cable/conduit in accordance with applicable sections of these specifications. Install fire pump conduits.
- B. Use manufacturer-approved pulling compound or lubricant where necessary; compound used must not deteriorate conductor or insulation. Do not exceed manufacturer's recommended maximum pulling tensions and side wall pressure values.
- C. Use pulling means, including fish tape, cable rope and basket-weave wire/cable grips, that will not damage cable or raceway.
- D. Install exposed cables parallel and perpendicular to surfaces of exposed structural members, and follow surface contours where possible.
- E. Support cables according to the applicable UL Listing for each product type being installed.
- F. Seal around cables penetrating fire-rated elements.
- G. Identify and color-code conductors and cables.

1.4 CONNECTIONS

- A. Tighten electrical connectors and terminals according to manufacturer's published torque-tightening values. If manufacturer's torque values are not indicated, use those specified in UL 486A and UL 486B.
- B. Make splices and taps that are compatible with conductor material and that possess equivalent or better mechanical strength and insulation ratings than unspliced conductors.

END OF SECTION 26 05 16