



BUILDINGS 2023-002 BULLETIN TECHNICAL

ISSUANCE DATE
March 21, 2023



ISSUER: Joseph Ackroyd, P.E., CFM
Assistant Commissioner
Technical Affairs & Code Development

PURPOSE: This Bulletin clarifies the protection requirements for enclosing wiring used in smoke control systems. This Building Bulletin will supersede BB 2017-011.

SUBJECT(S): Smoke control system, wiring; Smoke Control System, Fire Alarm Wiring; Smoke Control System, Fire Alarm Cable; Fire Alarm Cable, Smoke Control System; Wiring, Raceways; Fire Alarm, Wiring

RELATED CODE SECTIONS: EC 760.52, 760.131, 760.179(D), BC 909.12.2, and MC 513.2

I. BACKGROUND

Sections BC 909.12.2 and MC 513.2 require that regardless of voltage, wiring used for smoke control systems shall be fully enclosed within continuous raceways. This Bulletin clarifies type FPLP power-limited fire alarm cable is allowed to run without in raceway, when installed as per EC section 760.179(D).

II. APPLICABILITY

For the purpose of smoke control system wiring, in accordance with Section 760.179(D) of the 2011 NYC Electrical Code, the Department shall interpret that the installation of Type FPLP power-limited fire alarm cable, also known as *New York City Certified Fire Alarm Cable*, as acceptable without running such wiring in raceways. Such fire alarm cable shall be in full compliance with section 760.179(D) of the 2011 NYC Electrical Code.

However, where smoke control system wiring is installed in mechanical rooms, elevator rooms, garages, and loading docks, such wiring remains subject to the protection requirements of sections 760.52 and 760.131 of the 2011 NYC Electrical Code.