

Hazardous Locations

When completely and properly installed and maintained, Type 7 and 10 enclosures are designed to contain an internal explosion without causing an external hazard. Type 8 enclosures are designed to prevent combustion through the use of oil-immersed equipment. Type 9 enclosures are designed to prevent the ignition of combustible dust.

Type 7	Indoor	Use in hazardous locations classified as Class I, Division 1, Groups A, B, C or D as defined in NFPA 70.
Type 8	Indoor Outdoor	Use in hazardous locations classified as Class I, Division 1, Groups A, B, C and D as defined in NFPA 70.
Type 9	Indoor	Use in hazardous locations classified as Class II, Division 1, Groups E, F, or G as defined in NFPA 70.
Type 10		Constructed to meet the requirements of the Mine Safety and health Administration, 30 CFR, Part 18.

For more detailed and complete information, consult NEMA Standards Publication 250 -1997, "*Enclosures for Electrical Equipment (1000 Volts Maximum)*".