During the UL listing procedure, FirePro has been tested, as per UL 2775, for use in explosive atmospheres UL2775, Section 26 “Pyrotechnic Reaction Containment Test”. FirePro has also been specifically certified under ATEX guidelines for hazardous environments.

The FirePro standard aerosol generators can be used in:

- Zone 1 and 2 with presence of gases of IIA, IIB and IIC hazard groups
- Zone 21 and 22 with presence of dusts of IIIA, IIB and IIIC hazard groups

The UL test demonstrated and proved that the FirePro Aerosol Generators actuated inside an explosive atmosphere did not initiate any explosion, the aerosol actually provided an inert atmosphere.

The local authority has the responsibility for defining a Class, Zone, and Group classification for specific areas. The classification given to a particular zone, and its size and location, depends on the likelihood of an explosive atmosphere occurring and its persistence if it does. Areas classified into zones (0, 1, 2 for gas-vapor-mist and 20, 21, 22 for dust) must be protected from effective sources of ignition.

Other than Category 3 equipment, the complete system, including panel, cabling and detection will probably require third party accreditation.

The standard product range of FirePro Aerosol generators is supplemented by the ATEX approved FirePro units which are specifically certified for Explosive Environments.