

Asking : Explosion-proof electric apparatus selection of the Ann type instrument and explosion-proof instrument.

Answer: Due to some special industrial environment, workplaces, etc., it is different for the function demand of the instrument. In some applications, in order to satisfy the application environment, it need to explosion-proof or explosion-proof instrument, Below is a brief introduction on explosion-proof and explosion-proof instrument, etc. First to get to know first intrinsically safe instrument, also known as the i.s. instrument, this kind of instrument risk refers to the instrument itself won't produce sparks. And with explosion-proof, explosion-proof properties is called the flameproof or flameproof instrument, this instrument is able to prevent instrument internal combustion or blast through the gap to the danger of external environment. There is explosive dangerous gas and steam using a kind of electrical equipment are explosion-proof electrical appliances. General scope of explosion-proof electric apparatus suitable for? Explosion-proof union or flameproof apply to instrumentation, electrical equipment or motor. Site and half underground storage tank should be selected under the suitable buried tank farm topography and geological conditions, to determine the size and location and the way the storage tank. The ground storage tank should be set up in public low-lying areas of explosion protected electrical apparatus. Intrinsically safe instrument when using plastic shell,

to ensure that work does not accumulate electrostatic danger, therefore must pass a shock test and thermal stability test. While I kind of electrical equipment shall be connected by junction box with electric gas equipment body, I type flameproof electrical equipment widely used is flameproof connection. Explosion-proof electrical appliances should be pay attention to its Ex explosion-proof total marks and MA security marks, etc. Right to choose suitable explosion-proof electric apparatus, thus preventing cause weeks surround an explosive mixture, is to ensure safety in production, an important measure to prevent explosion and fire.