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APPLICATION OF EXPLOSION POTENTIAL AREA CLASSIFICATION IN INDUSTRY

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Explosion potential area classification (EPAC) is a basis for the explosion prevention and protection in industry processes. By considering the releasing frequency of the dust release resources and the possibility of forming explosive hybrids, the paper gave out the classification steps and method. Using the method EPAC for a bulk grain processing system was carried out in the paper. It is found that different area of the process has different level of risk. The results is useful for people to

choose explosion protection measures with pertinence for the process.