

Explosion Risk - Hazardous Areas

Matcon have many installations in areas that are classified as 'hazardous' or 'high risk'. Examples of this would be risks of explosion from airborne dust or solvent vapours coming from a reaction process.

In such cases it is essential to evaluate and understand the risks in a detailed 'haz-op' study. Due diligence is necessary to ensure correct preventative measures are taken by all parties concerned with respect to risks.

Key issues:

- Equipment and system pressure or vacuum rating;
- Nitrogen purging of process systems;
- Provision and confirmation of earth continuity;
- Material compatibility with solvents;
- Control and instrumentation rating;

