

PPI - a team of professionals with over twenty years of experience in the explosion protection industry; a single source for your industrial explosion protection needs.

We have designed over 500 explosion protection solutions in a variety of industries.

WHAT WE DO

Evaluation

A process or equipment hazard evaluation provides an assessment of the hazard potential and explosion risk for dust or gas handling processes. These evaluations can be performed on existing installations or processes that are in the design phase. Product testing can be conducted as part of the evaluation to quantify explosion risks and assist with the explosion protection design.

Design

Explosion Protection is a very specialized field. Utilizing our expertise to design explosion protection solutions will allow your engineering and operations team to focus on their core competency instead of trying to understand ours. Accessing our experience ensures that you will receive the most effective and economical results.

Procurement

These solutions incorporate all available explosion protection technology; not limiting the design to a single approach assures the correct solution is identified. Continually seeking out new technology and innovative products, as well as evaluating manufacturer performance, positions us to offer the most effective and advanced products, including:

- venting and flameless venting
- suppression
- deflagration/detonation arrestors
- mechanical and chemical isolation
- spark detection and inerting systems

Compliance

Protection strategies are designed in accordance with NFPA and FM Global standards and codes. Compliance reviews can also be conducted on new or existing processes. Compliance with these codes can often help reduce insurance rates.

HOW WE DO IT

Solution Support

Solution support can include any one or all of the following: hazard evaluation and testing, solution design, hardware procurement and system implementation.

Facility and Process Audits

Complete facility or single process reviews can be conducted on a one-time or regularly scheduled basis.

Contract Solution Support

As a contracted part of your team, PPI will serve as an on call explosion protection expert; providing advisory information, design support on projects and a resource for explosion protection information.

Training

Comprehensive education programs are offered through area seminars or customized in-plant training; including topics such as explosion fundamentals, protection strategies and code compliance.