

SAFE 

PRB Conversions | Compliance | Reduced Risk

Plant Professionals 

A DIVISION OF BENETECH, INC.



Where Experience Drives Results

Issues at the top of the agenda at today's coal-fired power plant

Worker safety

Have you provided a safe work environment?

Controlling financial risk

Can you risk staying with the status quo?

Compliance with new regulations

Is your plant OSHA-ready?

Maximizing capital investment

What are your current fuel economies?

Reducing operational cost

Are your assets performing to their full potential?





TM

Plant Professionals (P²) brings new solutions to performance and safety.

The demands on coal-fired power plants continue to grow. P² experts can help you improve environmental performance while positively affecting overall plant economics by shedding new light on areas of your operation that demand smart, creative solutions.

P² consists of a large team of experienced professionals who have established themselves as industry leaders in power plant coal handling and operations. This team of *BEEN THERE, DONE THAT* individuals can offer independent, third-party assessments and professional services as a tool for plant management to operate safely, reduce risk, and maintain an increased level of efficiency.

Our goal is to provide insights and support that help make your plant’s operations efficient, safe, and compliant—now. Plus, we set the stage for a long-lasting, safe operation in the months and years to come.

**Coal-fired Generation Experience
+ Engineered Innovation & Solutions
Superior Results**



Why use Plant Professionals?

The depth of our expertise sets us apart. With the diverse group that makes up the P² team, a wide breadth of experience and background is available to address specific needs of power generation facilities. The P² team is made up of experts in the specific area for which the team is contracted. You never have to worry that an individual is stretching an area of expertise to meet the requirements of the specific project.

- Over 30 utility professionals with a combined experience of 880 years
- Number of utilities – 90
- Number of plants – 178
- Repeat customers – 94%
- Heavy emphasis on plant material handling and combustion zones
- Best practice and board of director participation in PRB Coal Users Group

Objectivity. The P² team is comprised of individuals who are, from their depth of experience, purists in their practice of holding to the highest standards and avoiding compromise.

Capacity. The P² team is organized with enough resources to facilitate multiple audits and projects simultaneously. Several groups within the team are available to enable fleet-wide assessments.

Systems and operations expertise

The P² team offers extensive operating experience and achievement from which to draw. Several of our members come from “PRB Plant of the Year” facilities and were instrumental in the decisions resulting in this prestigious award. This network of managers and operations personnel provides advanced capability to assure direction for improving productivity and safety, while reducing operating and maintenance costs and risks.

The extensive expertise that this group brings to the market includes:

- Coal pile management
- Sub-bituminous/PRB coal and bulk material handling
- Containment systems
- Transfer chute designs conducive for handling sub-bituminous/PRB coal
- Dust collection and suppression systems conducive for sub-bituminous/PRB coal
- Fire Protection System and PRB coal fire brigade structure and training
- Specific PRB coal-related systems design
- Spontaneous combustion management and related safety awareness practices
- Truck, railcar, and barge coal handling experience
- Lifecycle assessments and mitigation

Your Plant Professionals

Plant Managers
Operations Superintendents
Maintenance Superintendents

Fuel Yard Superintendents
Safety Professionals
OSHA Inspectors
Outage Planners

Boiler Specialists
Executive Level Management
Mine Managers
Corporate Fuels Managers

Fuel Analysis Engineers
NFPA Inspectors
Fuel Yard Capital Project Engineers
NEC Authors



The P² Safe+ Process

SURVEY

Plant Professionals (P²) comprehensive site safety assessments focus on lowering risk and improving efficiency.

APPLY SOLUTIONS

We partner with the utility. The P² team engineers, procures, and constructs (EPC) with a focus on turn-key compliance and on-going support.

FORMAT

Effective safety management systems require assessment, safe work practice, and record keeping for compliance and continual improvement. P² assists you with periodic evaluations, safety documentation, and ensures station management remains up-to-date on hazard abatement.

EMPOWER STATION PERSONNEL

Training supervisors and operations personnel to recognize and avoid hazards is critical to maintaining safety. P² partners with your safety personnel to identify hazard-specific requirements, providing necessary regulatory expertise at every step of an OSHA inspection.

Risk Mitigation

- OSHA compliance and safety enhancement assessments
- Risk assessments and strategic prioritization/implementation
- Risk indexing
- Total dust management and spillage reduction
- Life cycle assessments and implementation

Asset Optimization

- Capital project planning studies and implementation
- Manpower and procedural reviews
- Enhanced operations, maintenance, safety plans, and training
- Plant efficiency improvement audits and plans
- Culture change management and tribal knowledge transfers
- Total-cost-of-ownership and franchise coal yard alliance programs

Fuel Flexibility

- Conversions to specialty coals including PRB coal and other blends
- Fuel blending solutions

