



B&B Designed Systems, Inc.

21334 Croghan Pike
Orbisonia, PA 17243
Phone: 814-259-3991
www.bbsystemsinc.com

B&B Electrical Systems, LLC

4150 Martinsburg Pike
Clear Brook, VA 22624
Phone: 540-432-7915
www.bbsystemsinc.com

Petroleum, Oil & Gas, Chemical, and Hazardous Materials

Working with hazardous materials requires strict adherence to procedures and detailed training. At B & B, we have been working in challenging environments for decades. Our skilled tradespersons work regularly in facilities with unique requirements to ensure safety for themselves, our customers, and the surrounding community. B & B has the management experience to develop a sound safety plan for unique project requirements. Below is a snapshot of projects working with and around potentially volatile materials.



Petroleum, Oil & Gas

B & B works regularly with several customers in the petroleum and natural gas industries in Pennsylvania, Maryland, West Virginia, New York, and Ohio. Our work typically includes explosion proof wiring and controls including control panels, motors, control rooms and sensors. We have successfully completed nearly 200 projects in this industry, many as the design/build lead for electrical construction. Our ability to make our customers' lives easier by leading from initial design concept through completion has led to being a preferred electrical contractor in the petroleum, oil & gas industry.

Chemical

We have performed several jobs for chemical processing facilities. One of our customers in Pennsylvania leans on us consistently for design/build assistance. We have completed multiple design/build projects to upgrade the main power systems as well as working in the refeed lab and pump house. We have been their preferred electrical contractor for years. Other clients have leaned on us for the relocation and upgrades of process controls including challenging shutdowns and the critical start-up of the new processing lines in their plant. Much of the work took place in the process control rooms as well as some work for the production systems. At a polymer plant, we installed major upgrades for both power and controls systems. Our scope of work included explosion proof wiring for the lighting, motors, and controls, including process controls for numerous production systems throughout the plant.

Hazardous Materials

B & B worked in a very unique facility and environment at Letterkenny Army Depot which was constructed to store numerous types of hazardous materials. The project required distinctive methods of procedures and strict protocol was closely followed by our field personnel and monitored by our management. This 200,000 SF facility had leak detection in the floor, all explosion proof wiring, and a full fire alarm integrated into the detection systems.