

John Brown

Project Engineer - Philadelphia Gas Works

Philadelphia, PA - Email me on Indeed: [indeed.com/r/John-Brown/dbcd373b95eba8a6](https://www.indeed.com/r/John-Brown/dbcd373b95eba8a6)

Self-motivated, experienced engineer with a sophisticated appreciation for the flexibility and innovation required in today's business world. Excellent communication and problem-solving skills, with the ability to resolve difficult situations under adverse conditions. Well-developed leadership and people skills. Experience includes:

- Project Management • Strategic Marketing and Planning • Cost and Budget Management
- Quality Assurance • Supervision and Training • Field Service

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Project Engineer

Philadelphia Gas Works - Philadelphia, PA - 2006 to Present

Provide leadership and advanced technical support in the areas of architectural technology; structural, mechanical and electrical engineering; HVAC/R; fire protection and energy management systems associated with PGW's facilities.

- Perform planning and design work for substantial multi-phase new construction, renovation, and improvement projects for a variety of real property facilities, including utility systems, utilizing a professional knowledge of electrical engineering.
- Prepare conceptual designs and quantitative criteria, cost estimates, and time schedules for large and complex facilities and utility systems projects.
- Supervise contractors and other professionals, including structural engineers, architects and building automation technicians to complete projects.
- Coordinate projects with engineers in other disciplines or with architects.

Field Service Engineer

Delmarva Systems Inc - Newport, DE - 2005 to 2006

Install, troubleshoot and commission fire and life safety SCADA and PLC systems in accordance with NFPA, NEC, and local authority having jurisdictions. Performed inspections and completed all required state documentations for New Jersey, Philadelphia, Delaware, and Maryland.

Product Sales and Marketing Manager

ABB Inc - Warminster, PA - 2000 to 2003

Analyzed markets and managed US product strategies based on global product strategies and product life cycle. Created competitive marketing strategies and cost models.

Sr. Applications Engineer

ABB Inc - 1999 to 2000

Instrumental in closing sales by communicating with customers, regional managers and sales representatives in order to ensure that products are installed and utilized in accordance with sound engineering practices.

- Trained sales representatives and regional specialists on the best ways to market products in the United States, which made the sales force more self-sufficient.
- Traveled to customer work sites in order to evaluate and assess application details and provide solutions.

Product Support Engineer

ABB Inc - 1996 to 1999

Provided timely and effective responses to technical concerns and questions from both US and international sales representatives and customers. Maintained in depth knowledge of ABB instrumentation and control products.

- Authored technical field alerts in order keep service technicians abreast of important product updates.
- Trained sales representatives and customers in the use and troubleshooting of control products and systems.
- Communicated customer issues and needs to product managers in order to improve market knowledge and sales strategies.

Power Station Engineer

Allegheny Energy Systems, Inc - Courtney, PA - 1993 to 1996

Conceived, designed, and supervised the start-up and commissioning of cost effective processes, equipment, and plant structures that reduce environmental impact and improve safety. Monitored and analyzed power station reliability and efficiency.

- Wrote technical specifications for procurement of electrical systems, control equipment, and labor for capital projects.
- Supervised multiple union craft personnel and contractors during maintenance shutdowns and planned repair projects.
- Performed inspections and maintenance on plant systems including boiler, turbine/generator, precipitator, flue gas desulfurization plant, and coal barge unloading facility.
- Managed disposal site for ash by-products and flue gas desulfurization sludge.
- Maintained and troubleshooted various plant programmable logic controllers (PLC), and continuous emissions monitoring (CEM) systems.

EDUCATION

B.S. in ELECTRICAL ENGINEERING

Temple University - Philadelphia, PA

SKILLS

Project Management (7 years), Electrical Engineering