
S H E R R I L . M U H L E N K A M P

EXPERIENCE

VICE PRESIDENT/PROJECT ENGINEER July 1999 to Present
IDC Engineering, Inc., Lima, Ohio

Prepare electrical design drawings, plans, and specifications; facilitate contractor bid process, and provide technical assistance during construction phase. Design phase includes short circuit and load studies, estimating construction costs, code review, submittal review, and coordination among other disciplines, quality control implementation.

ELECTRICAL ENGINEER April 1997 to March 1999
Goodyear Tire & Rubber Company, St. Marys, Ohio

Oversee electrical design and installation for small and large projects, includes specifying and purchasing electrical equipment. Coordinate electrical predictive maintenance program with outside contractor. Specify and purchase two 1000 KVA substations and coordinate installation. Ensure that plant electrical systems are documented properly for QS-9000 and ISO-9001.

INSTRUMENTATION SPECIALIST June 1991 to April 1997
BP Oil Company, Lima, Ohio

Design and implement practical, cost-effective instrumentation for asset enhancements, as well as grass roots additions. Lead project, construction and commissioning teams, includes supervision of hourly workers. Provide instrumentation design and installation support for larger projects led by project and maintenance engineers. Estimate costs, specify and purchase electrical and instrumentation equipment. Knowledge of OSHA Process Safety Management Code and National Electric Code includes familiarity with explosion proof requirements in hazardous environments.

ELECTRICAL ENGINEER - CO-OP January 1989 to April 1991
National Security Agency, Fort Meade, Maryland

Designed, implemented and tested optical, radio frequency and digital equipment. Wrote Assembly and C code for the Intel 80C186 Microprocessor. Held TS/SI (Top Secret/Special Intelligence) security clearance. (Expired 1991)

EDUCATION

1991 Bachelor of Science Electrical Engineering
University of Akron, Akron, Ohio

TRAINING

- Allen-Bradley Programmable Logic Controller - 1997
- Modicon Programmable Logic Controller - 1996
- Microsoft Excel - 1994, Microsoft Word - 1994, Microsoft Project – 1993 Instrument Society of America Member - 1991 to 1997
- GE Lighting and Fundamentals, Cleveland (2006)