



Chuck Willcox

Electrical Safety Consultant

Chuck has been an electrical engineer for over 35 years at BASF. His work has included developing systems from 24VDC to 4160V, creating electrical safety programs and maintenance requirements, and supporting capital projects at facilities throughout North America (usually more than twenty at once).

As a founding member of the BASF Electrical Safety Committee, Chuck has been instrumental in the implementation of electrical safety standards for BASF North America. He also supports electrical power system studies and developed a technical network of suppliers and vendors to resolve issues across North America.

Career Highlights

e-Hazard **2026-Present**
Electrical Safety Consultant

BASF **1991-2026**
Expert - Electrical Engineering 2023
Staff Electrical Engineer 2015

- Support electrical power system studies covering field survey, electrical inspection per NFPA 70, 70B and 70E, short circuit current analysis, verified protection device setting done by both internal and external resources
- Review Explosion Protection Documents to define requirements for electrical equipment within hazardous locations
- Founding member of the Electrical Safety Committee, developed the internal EHS rules following NFPA 70E and created training requirements within BASF for electrical safety training
- Member of the Technical Rule Committee at BASF for electrical engineering
- Member of the gNET, a BASF Global committee of electrical persons sharing experiences and safety incidents for global learnings

Project Engineering **1991**

- Developed site electrical safety programs
- Was one of the first BASF locations to use labeling on electrical equipment following NFPA 70E requirements
- Created electrical maintenance requirements for sites electrical equipment
- Supported sites in Windsor, Canada and Tultitlan, Mexico with electrical safety concerns

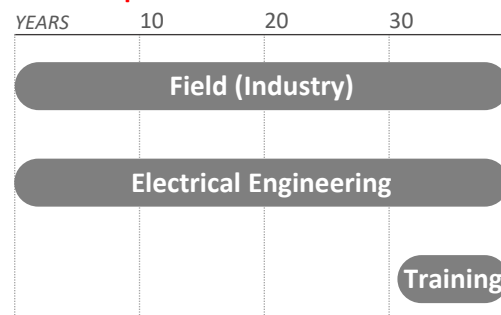
Snapshot

Focus

TRAINING

- Low Voltage

Career Experience Timeline



Education

Purdue University, Lafayette, IN
B.E., Electrical Engineering Technology

Licenses & Professional Memberships

Institute of Electrical and Electronics Engineers (IEEE), Member

ASTM Committee F-18, Member

ISA, Lifetime member