



CE Power Solutions

Solutions Profile # 6 – Safety and Maintenance Training

Project Scope: Training on the use of Personal Protective Equipment (PPE) and the safe operation, maintenance and testing of low and medium voltage plant electrical equipment

Client: Large foundry in the Midwest

Project Challenge: Conduct safety training on all plant electrical equipment familiar to the Client's personnel. Cover the material during off-hours, in an eight hour period. Meet the Safe Practices of Electrical Equipment maintenance and testing of all governing organizations such as OSHA, NEC, etc.

Service Team: Client, Plant Engineering and Maintenance personnel
CE Powers' FAST - Field Apparatus Service and Testing Team

Project Profile: Client invited FAST to conduct a full day of training at their site during low production time (weekend). FAST conducted PPE use and basic safe practices in the morning. In the afternoon, the class was moved out to the plant where testing, maintenance and safety training was conducted on their own equipment in the factory setting.

- Training was performed during off-hours at the Client's site
- Hands-on training with the Client's own equipment
- PPE hands-on training

Quality Initiatives: Safety training conducted on own premises using equipment familiar to personnel. Live 5 kV bus, insulators and connectors were 'staged' (120v-4160v step-up transformer) for demonstration and training in the use of gloves, nomex suit, face shields, hot sticks, voltage detectors, grounds, etc. Complete documentation and syllabus provided. Project and Work Order progression and methods were covered. Program content guided by Subpart S, Part II of the Code of Federal Regulations 29 CFR Part 1910, Electrical Safety-Related Work Practices.