

ARC FLASH EVALUATION AND CONSULTING

TRANSLATING ANALYSIS INTO ACTION

As engineers, EKFox's paramount responsibility is the safety, health and welfare of the public. Over 30 years of international electrical engineering experience, site surveying, and analysis provide our clients with a wealth of expertise to rely on when it comes to Arc Flash Analysis.

Over 30 years of international electrical engineering experience

Broad and deep experience with power design and analysis

Utilize the latest technology in the industry

WHY PERFORM AN ARC FLASH HAZARD ANALYSIS?

- ▶ First and foremost, protect your workers – Each year more than 2,000 people are admitted to burn centers with severe arc-flash burns. (Electrical Safety Foundation International)
- ▶ Determine the extent of possible injury based on the equipment currently in place.
- ▶ Comply with OSHA and NFPA 70E – The safety agency has dramatically stepped up their inspection and compliance audits since they started regulating arc-flash safety.
- ▶ Plan of Action – our analysis and recommendations will help you to effectively mitigate the risks, comply with code, and provide a path to keep your workers safe.

OUR PHILOSOPHY

EKFox has long believed that we hire great people, to do great work, for great clients. Safety is critical to our own employees' wellbeing and we extend that same care and thoughtfulness in supporting our client's desires. We believe in providing detailed, clear, and technically excellent analysis, enabling you to apply the recommendations quickly and effectively.

OUR APPROACH

COMPREHENSIVE DATA GATHERING

- Proactive site survey
- Gathering and Reviewing information of the electrical distribution system

APPLYING ENGINEERING RIGOR

- Build electrical 1-line diagram (suitable for mounting)
- Utilize SKM Software to analyze site data

TRUSTED ANALYSIS AND REPORTING

- Short Circuit, Coordination, and Arc Flash Reports
- Review reports and recommendations with Owner

ANALYSIS INTO ACTION

- Printing and installation of Arc Flash Labels
- Informed training of client personnel
- Guidance on PPE purchasing

For more information please contact James Zenyuh at 703-273-1112 / JJZenyuh@ekfox.com