

Ten Key Benefits of Arc Flash Hazard Analysis

Is an arc flash study really necessary – or just a lot of red tape? How do I justify the cost?

You may have heard these questions. You may have even asked them yourself. The fact is, a quality arc flash hazard analysis program delivers tangible benefits to your organization that far outweigh the time and cost involved in implementing it. Here are just ten of the many ways arc flash hazard analysis can benefit your company:

- Minimize the effects of arcing incidents at your facility – or prevent these accidents from happening at all!
- Protect the lives and health of the personnel who work on or around your electrical equipment.
- Prevent damage to expensive electrical equipment by identifying abnormal conditions within the electrical system (e.g., underrated equipment or equipment that is overloaded).
- Improve the reliability of the your electrical system, which, in turn, raises the operating efficiency of your facility¹
- Help your company comply with the safety mandates of the OSHA General Duty clause, NFPA Standards, and other applicable safety regulations.
- Produce information that can reduce your company's workers' compensation costs and insurance rates.
- Provide important safety data for any subcontractors working at your facility.
- Update all information related to your facility's electrical system – including its single-line diagram.
- Guard your company against the high costs associated with arcing accidents: regulatory fines, legal fees, and increased insurance premiums.
- Protect your company's good name, helping to secure its long-term future.

For more than a decade, D.L. Steiner, Inc. has been delivering a *complete, turnkey arc flash hazard safety solution* for our industrial and commercial clients, helping them comply with the mandate for an electrically safe workplace – plus benefit from the convenience of single-source supply – when implementing this important safety program.

¹ The cost of single hour of lost production due to downtime can range from thousands – to *hundreds of thousands* – of dollars.