Jaminet Engineering Offers Arc Flash Hazard Analysis

Amid Jaminet Engineering’s rebranding phase, the team announced that they would be expanding their service offerings to include detailed arc flash analysis and reporting. The company, which was founded in 2006 by young entrepreneur and Professional Engineer, Phillip Jaminet, has been making strides to infiltrate the industry.

In 2015 Jaminet Engineering conducted their first arc flash hazard analysis for three Tru-Cut facilities located in Northeast Ohio. Since then, the team has seen an increase in arc flash hazard awareness. Lead Project Manager, Seth Sherick, attributes the rise in awareness to the accountability held by local inspectors to ensure the National Electric Code is upheld. Matthew Pilch is an Engineer in Training at Jaminet Engineering and adds that, “Arc flash studies are easier to conduct now due to modern technology. We utilize SKM Power Tools software to improve calculation values and accelerate delivery times.” Pilch recently attended a three-day training seminar in Pittsburgh, Pennsylvania hosted by SKM Power Tools. The classes he attended provided extensive training in the system, allowing him to bring back a wealth of knowledge to the team on advanced methods in conducting analysis.

## What is an Arc Flash Analysis?

An arc flash analysis is a continuation of a short circuit and coordination study. These studies are done to determine the amount of current flow that can occur at points in an electrical system as a result of a short. The findings indicate whether the electrical system could interrupt the power with the use of equipment. The final analysis is geared towards understanding and preventing arc flash hazards.

## Why is the Arc Flash Study Important?

Arc flashes are very dangerous and can be fatal to those exposed. Victims who survive the blast may require extended medical care. In most cases, the financial cost of a person being harmed from an arc flash will be detrimental to a business.

The industry standards concerning the prevention of arc flash incidents include:

* OSHA 29 Code of Federal Regulations (CFR) Part 1910 Subpart S
* NFPA 70-2017 National Electrical Code
* NFPA 70E-2018 Standard of Electrical Safety
* Requirements for Employee Workplaces
* IEEE Standard 1584-2002 Guide for Performing Arc Flash Hazard Calculations

To receive a free quote or to obtain more information, you can contact Jaminet Engineering by visiting their website, [www.jaminetengineering.com](http://www.jaminetengineering.com), calling the team at 330-747-1999, or sending an email to cecelia@jaminetengineering.com