PARAGON Engineering Services INC.

MECHANICAL ELECTRICAL PLUMBING

We are honored that our corporate office in York, Pennsylvania has been ranked 2nd in LEED® Certified Buildings by Central Penn Business Journal with 41 out of 69 points.

Paragon's Services
Mechanical * Electrical Engineering
Plumbing * HVAC Engineering
Commissioning * Coordination
LEED® and Sustainable Design
Fire Protection * Mobile * REVIT
Just to name a few...

Paragon Pulse

We have been living with our new "Matrix Organization" structure noted in the last newsletter for ten months now and it has yielded some very positive feedback from within. The most positive outcome has been the advent of internal 'coaching' sessions that have replaced the standard review process; all team members have commented very favorably to the change. We've also reinvested in ourselves by upgrading our already top level IT systems to be even faster and more reliable. I sincerely believe that implementing these changes have strengthened the Paragon organization; preparing us to meet future challenges.

ONE TEAM ~ ONE GOAL: Excellence!
Blessings to all!
Vaughn Silar,
President

Let Safety Come FIRST, We Can Help!

From ***Conception to Completion***, we partner with YOU to identify ARC flash needs. Reduce risk and liability with ARC Flash Studies.

Call or Email Wayne Howe at
(717) 781-2286
whowe@peservices.org

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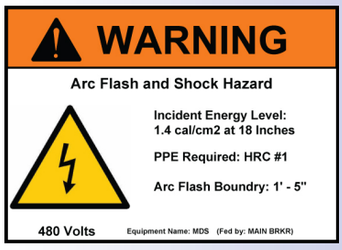
Electrical ARC Flash Hazards



ARC Flash hazards can come from the simplest of errors like the dropping of a tool or even the accidental contact with an electrical system. An ARC is produced by flow of electrical current through ionized air after an initial flashover or short circuit, resulting in a flash that can cause significant heating and burn injuries to occur. Electrical and safety industries are acknowledging that arcing faults can help be prevented by wearing Personal Protection Equipment (PPE), proper labeling and a firm dose of education. **No matter where you are in developing or implementing an ARC Flash safety program, Paragon can help. Reduce your risk and liability with ARC Flash Studies.**

ARC FLASH STUDIES

Galleria Mall - York, PA

An electrical contractor replaced a blown fuse for one of the tenet services-that action caused the entire meter bank to catch on fire because the main breaker didn't trip. One quarter of the mall was on temporary power for months until new equipment for the entire electrical service meter bank could be replaced and reinstalled. **Paragon** performed an ARC Flash Study on the service with the help of the electrical contractor. All equipment was labeled. *The electrical service was a 2000 Amp 480 Volt 3 phase service.*

Fenner Drives - Manheim, PA

Fenner Drives manufactures motor drive belts, pulleys and tensioners. This project consisted of three separate buildings; the Main Building, the Precision Building and the North Building. The owner was conducting the ARC Flash Study to properly label the existing electrical equipment to ensure the safety of its people. **Paragon** performed an arc flash study on the service with the help of the electrical contractor. **Paragon** was able to reduce the arc flash hazard in the North Building by changing out the existing service fuses to newer fuses that are made to mitigate the ARC flash. All equipment was labeled. *The Main Building is a 2000 Amp 240 Volt 3 phase service. The North Building is a 1200 Amp 240 Volt 3 phase service. The Precision Building is a 1200 Amp 480 Volt 3 phase service with 5 main fused disconnect switches.*

PESpotlight Team Member, Peter Beddia

Pete is our Director of Electrical Engineering. Graduated from PSU in 1989 with an Electrical Engineering Degree, he is responsible for managing a multidisciplinary team which includes providing leadership in the development of new ideas, products, processes and techniques. His responsibilities also include: ensuring continued client satisfaction, prospecting new accounts and making key business decisions. Pete specializes in Water/Wastewater Treatment, Industrial, Commercial and ARC Flash Studies. We are honored to have him on our team.

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