Completing a best-in-class Arc Flash Risk Assessment in-house requires time, engineered resources and power system analysis software to accurately calculate arc flash risk beyond general scenarios. In addition to the time spent to complete this assessment, simple miscalculations can lead to incorrect incident energy levels resulting in the improper use of personal protective equipment (PPE), whether it’s wearing too much or too little.

Our Arc Flash Risk Assessment is performed by a licensed engineer using power system analysis software, providing you with the tools and resources for success. From performing the risk assessment and printing the proper arc flash labels, to collaboration with your stakeholders and a detailed assessment report, our engineers will enable you to not only reach compliance, but maintain compliance.

**PROCESS**

- One of our engineers will hold a kick off meeting that will include team building with your internal stakeholders and a facility tour
- Our engineer will then collect and audit your arc flash data including identifying all electrical equipment, documenting conductor lengths and ampacities, documenting overcurrent protection device ratings and more
- Once all the data is collected, they will enter the information into the power system analysis software creating an electrical system single-line diagram
- With all information in hand our engineer will create your risk assessment report and create the corresponding arc flash labels
- Once the report is completed, our engineer will review your report and install your arc flash labels

**WHAT YOU WILL RECEIVE**

- Your updated Arc Flash Risk Assessment Report including:
  - An electrical system single-line diagram modeled in power system analysis software
  - A fault current study
  - A protective device coordination study
  - Recommendations for improving arc flash safety and reducing incident energy levels
- Corresponding arc flash labels and label installation

Want to learn about Brady’s Arc Flash Risk Assessment?
Visit BradySafety.com or email BradySafety@bradycorp.com
Auditing your arc flash assessments means allocating resources from other departments or pulling them away from daily operations. It also means involving the right employees, such as engineers, who not only understand arc flash requirements, but also know the systems behind an arc flash assessment.

Our engineers will allow you to proactively address arc flash by helping you keep your assessment up to date, maintain compliance and keep your employees safe.

**PROCESS**

- One of our engineers will come on-site to evaluate your current arc flash labeling, accuracy of previous arc flash hazard assessment input data, personal protective equipment (PPE) and more
- While on-site, they will review electrical safety documents to verify that the principles and procedures of the electrical safety program are in compliance with NFPA 70E
- Once the document review is complete, they will conduct sample size interviews with employees regarding field work procedures and training
- Our engineer will then compile the audit information, prepare a review of the audit findings and recommend next steps for improving and sustaining your arc flash safety progress

**AUDIT SCOPE**

Audit scope will incorporate Occupational Safety and Health Administration (OSHA), National Fire Protection Agency (NFPA), American National Standards Institute (ANSI) and other applicable federal, state and local regulations.

**WHAT YOU WILL RECEIVE**

A detailed audit report that includes:

- Identification of non-compliance issues and potentially hazardous electrical situations
- Noted errors in previous arc flash hazard assessment (if applicable)
- Recommended corrective actions for a path forward to a safer and more compliant workplace
- The applicable OSHA regulation, or consensus standard (NFPA 70E)

Want to learn about Brady’s Arc Flash Audit?

Visit BradySafety.com or email BradySafety@bradycorp.com