SALISBURY ASSESSMENT SOLUTIONS (SAS)

ELECTRICAL HAZARD RISK ASSESSMENTS

Salisbury's Electrical Hazard Risk Assessment is a thorough data collection process that allows us to understand your site, its equipment and the specific needs within your facility. After the data collection has been completed, Salisbury will provide a gap analysis. The gap analysis will allow us to offer a complete site assessment that explains potential hazards and recommendations for improving your program. SAS will assist you every step of the way.

These electrical hazard risk assessments are especially important in electrical environments due to the risk of arc flash. A hazard risk assessment and the use of appropriate PPE is a requirement by OSHA 29 CFR 1910.132(d): (1) The employer shall assess the workplace to determine if hazards are present, or are likely to be present, which necessitate the use of personal protective equipment (PPE).

ELECTRICAL ENGINEERING

An unsafe environment puts your workers and electrical equipment at risk. Electrical incidents can result in injury, costly repairs, penalties and even death. Companies can protect their workers, equipment and their bottom line by hiring an electrical engineering team like Salisbury Assessment Solutions to analyze their equipment.

SAS begins by performing a short circuit analysis and time current coordination study to evaluate your equipment and the risks it presents to your workplace. SAS will analyze the data to provide engineered solutions to improve the safety and efficiency of your electrical system.

Reliable equipment creates a safer more efficient workplace and lowers operating costs. SAS has licensed electrical engineers who can find ways to make your electrical system safer and more efficient.

ASSISTANCE WITH PERSONAL PROTECTIVE EQUIPMENT SELECTION

The arc flash risk assessment allows for calculation of Arc Flash Incident Energy levels (AFIE). The arc flash PPE categories (1 - Dangerous) determine the amount of protective clothing and personal protective equipment. Table 130.7(C)(16) in the NFPA 70E carefully outlines the requirements for each category.

Salisbury is the world leader in electrical safety PPE. Our SAS team understands the requirements and can help you with all aspects of PPE including:

- PPE Selection - SAS and the Salisbury team are experts in electrical PPE and can assist and ensure the proper electrical PPE is selected.
- Testing, Care & Maintenance – Helping you understand the equipment you need and how to care for it. PPE generally requires periodic testing and a maintenance plan for each piece to ensure that it will properly protect the worker.
- Electrical Safety Training– PPE should be inspected prior to each use and tested regularly. SAS can educate your staff on PPE testing and how to use their PPE.