**THOROUGH ASSESSMENT**

A proper Arc Flash Hazard Assessment confirms whether exposure to an arc flash hazard exists, the degree of exposure, the specific control process needed, and the need for and type of PPE that will provide the necessary protection.

**SPECIFIC ELECTRICAL SAFETY PROGRAM ELEMENTS**

An Electrical Safety Program is a necessary element of the overall safety program for any company or organization. Since exposure to electrical hazards differ from other energy sources, specific safety requirements are also different.

**OSHA REQUIREMENTS**

OSHA requires employers to perform Arc Flash Hazard Assessments for their facilities, provide PPE for each hazard identified in an assessment, and train employees so they can select and wear the PPE that will afford protection from each hazard identified in the Arc Flash Hazard Assessment.

**FOCUS ON ARC FLASH HAZARDS**

Arc Flash Hazards should be a focus since at least a third of the more than 7,000 electrical shock injuries each year are the result of an arc flash. An arc flash event usually occurs as a result of inadvertent contact between an energized conductor and another energized conductor, a grounded conductor, or an earthed surface. The resulting electrical fault can cause considerable damage to property and severe injury or death to an employee.