

Arc Flash Hazard Analysis

Addressing Arc Flash Hazard

OSHA 1910.132(d) and 1926.28(a) requires that 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)."

Potential Exposure to Arc Flash

Although it may appear that arc flash incidents are uncommon, statistics show that the damage they cause is considerable. Bureau of Labor Statistics data for 1994 show 11,153 cases of reported days away from work due to electrical burns, electrocution or electrical shock injuries, fires and explosions.

Arc Flash Hazard Analysis Services

- Evaluation of your electrical facilities.
- Create short-circuit study
- Create protective-device coordination study.
- Updates/Create Facility One Line Diagrams.
- Develop *Arc Flash Hazard Analysis*.
- Determination of the incident energy exposure to the worker within the flash protection boundary in order to satisfy the requirements of NFPA 70E.
- Complies with requirements of OSHA, NFPA-70E and insurance requirements.

The exposure to arc flash depends on the following:

- Arc flash hazard is a potential danger to workers near and around live exposed electrical parts.
- Work performed on exposed live equipment
- Complexity of the task performed
- Space restrictions
- Tools and PPE used
- Condition of equipment

Altran Solutions has the necessary expertise to prepare the **Arc Flash Hazard Analysis**, in accordance with NESC C2-2007, NFPA 70E, and IEEE 1584-2002 methodology.

For more information on this capability,
Please contact us at (617) 204-1000 or
via e-mail at sales@altransolutions.com