



# Stay Compliant

# OSHA<sup>®</sup>

## 1910.269 & 1926.960 Updates

On April 1, 2014, OSHA announced a final rule revising the standards for electric power generation, transmission, and distribution. Prior to this revised rule, arc flash protective clothing was subject to limited regulation and was primarily driven by standards such as NFPA70E and NESC. Look to Salisbury to provide your arc flash protective clothing required by the OSHA Ruling.

Below is a summary of the final ruling. There are 5 key areas of focus:

**Employers and Training ♦ Fall Protection ♦ Minimum Approach Distances  
Arc Flash Hazard Analysis ♦ FR and Arc Flash Clothing**

## Employers and Training

- Host and contract employers must share information with each other on safety related matters.
- Required training will be determined by the risk to the employee.

## Fall Protection

- Workers must use fall protection when changing location on towers, poles, or similar structures.
- Fall protection equipment must be capable of passing a drop test after exposure to electric arcs of  $40\pm 5$  cal/cm<sup>2</sup> to protect workers from fall after exposure to flames or arc flashes.
- Equipment must be set up so workers can free fall no more than .6 meters.

## Minimum Approach Distances

- OSHA to provide a Minimum Approach Distance Calculator on its website.
- MAD will be effective in elevations less than 3,000 feet with systems of 72.5 kV or less.

## Arc Flash Hazard Analysis

- "NFPA 70E-2004 Table 130.7(C)(9)(a) is a proposed method by OSHA for establishing PPE based on their minimum required arc ratings."
- Employers must provide all available information that relates to the determination of existing characteristics and conditions.

## FR and Arc Rated Clothing

- FR clothing is defined as clothing that does not melt, ignite, or contribute to the injury of the wearer.
- Arc rated clothing is required whenever the calculated energy is greater than 2.0 cal/cm<sup>2</sup>
- Arc rated clothing must cover the entire body with exception for hands, feet, and head protection
- If employees face a minimum arc rating of 8 cal/cm<sup>2</sup> for single-phase open air exposures greater than 9 cal/cm<sup>2</sup> or three phase exposures greater than 5 cal/cm<sup>2</sup>, a face shield is required.

## Effective Dates:

**July 10, 2014**

Ruling goes into effect

**October 31, 2014**

Enforcement begins

Flame Resistant clothing required

**January 1, 2015**

Arc Flash Hazard Analysis is required

**April 1, 2015**

Arc flash protection programs required

Arc flash clothing required

New calculated Minimum Approach

Distances required

Fall Protection required