



Arc Flash Awareness – Understanding the Hidden Hazard

What Is an Arc Flash?

An arc flash is a sudden release of electrical energy through the air between conductors or from a conductor to ground. Temperatures can exceed 35,000°F (19,400°C), hotter than the surface of the sun. The intense heat, light, and pressure can cause severe injuries or death in a fraction of a second.

Arc flashes can occur during testing, maintenance, switching operations, or when equipment is damaged.

Questions for the Crew

- Have you ever witnessed an arc flash or electrical fault?
- What tasks on our site involve exposure to energized equipment?

Arc flash hazards are often invisible until an incident occurs. Understanding the risk is the first step in preventing injury.