



## Arc-Flash Safety Checklist

**ELECTRICAL SAFETY IS NOT AN OPTION:**  
It is absolutely necessary for both  
workers and employers.

**Did you know...**

An arc-flash event releases thermal heat, toxic fumes, pressure waves, blinding light, sound waves and explosions.

An arc-flash event can result in critical burns, collapsed lungs, loss of vision, ruptured eardrums, puncture wounds and even death of your employees.

Arc-flash explosions cause thousands of severe burns and hundreds of deaths of workers every year.

Across the world, personnel safety is threatened and companies like yours face lost man-hours, lawsuits, fines, equipment damage, facility downtime, and lost production.

Are your employees safe from the dangers of arc-flash? Is your company at risk?

Complete the checklist to the right for a high-level assessment of your risk. If you answer no to any of the questions you need to address your arc-flash safety program immediately. Your business may be non-compliant with industry safety standards and at risk for an arc-flash incident.

If you answered no to even one question contact your Ligon Electric Sales Representative or visit us at [www.stateelectric.com](http://www.stateelectric.com) for a list of our locations.

**A Checklist for Arc-Flash Safety**

**Yes**

**No**

All persons who operate/maintain energized electrical equipment are trained for the voltage-class equipment they operate/maintain.		
All persons who operate/maintain energized electrical equipment have been trained on both shock and arc-flash hazards.		
All persons who operate/maintain energized electrical equipment have access to the proper personal protective equipment (PPE) to protect them from both the shock and arc-flash hazards.		
One-line diagram, including current protective device settings, exists, is legible and accurate.		
All persons who operate the power system have easy access to the current one-line diagram.		
Equipment is labeled correctly, and in accordance with existing safe work practice codes and standards.		
De-energized procedures and equipment exist and are used.		
Written safety procedures and energized work permitting processes exist and are followed.		
Equipment is grounded and ground system is tested periodically.		
Proper maintenance practices are followed, especially for fault protection equipment.		
Recent (less than five years old) relay/fuse coordination study exists, and relays are calibrated to the setting recommended.		
Arc-flash analysis has been performed for this site (calculations, labeling and arc-flash boundaries).		