

Arc Flash Hazard Checklist

Hazard Identification

- Verify equipment voltage and arc flash labels.
- Check for signs of wear, corrosion, or contamination.
- Confirm single-line diagrams are up-to-date.
- Identify potential sources of backfeed (generators, UPS, solar).

PPE Requirements

- Wear arc-rated clothing appropriate for calculated incident energy.
- Use voltage-rated gloves with leather protectors.
- Face shield and balaclava for Category 2 and above.
- Hearing protection for high-energy tasks.
- Insulated tools and mats for added protection.

Safe Work Practices

- Always de-energize equipment before work (LOTO procedures).
- Verify zero energy using a tested voltage detector.
- Maintain approach boundaries and signage.
- Use remote switching where possible.
- Never bypass interlocks or safety devices.

Emergency Response

- Do NOT touch victim until power is off.
- Call emergency services immediately.
- Provide first aid for burns and trauma.
- Administer CPR if trained and safe.
- Report incident and initiate root cause analysis.