ELECTRICAL PANELS AND SOURCES

Electrical sources provide power to industrial equipment. Electrical equipment refers to the components of the electrical distribution system such as transformers, fuses, electrical panels and switchboards, distribution boards, circuit breakers, disconnects and generators.

Hazardous energy control program (Lock-out/Tag-out)
Risk assessments and live work procedures
Personal Protective Equipment (PPE) and insulated tools rated for use
Administrative controls, policy, procedures and supervision
Review compliance with Ontario and Municipal codes
Proper training and confirmation of understanding

People Affected
- Maintenance
- Service technicians
- Electricians
- Electrical designers

Existing Controls
- Restricted access to qualified personnel only
- Determine voltage to determine level of controls required
- Closed panels
- Clean work area of dust and debris accumulation on equipment
- Touch-safe components
- Engineering controls

Hazards Involved/Arise
- Electrical shock which can cause burns, stopped heart, falls
- Arc flash

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