



Safe Work Procedure

BREAKER INSTALL

Department and Program: Physical plant - Electrician
Date First Approved: October 2018
Date Updated: February 2023 Version 2.0 SWP-PP-ELE-003

This Safe Work Procedure must be reviewed any time the task, equipment, or materials change and at a minimum every three years.

DO NOT perform this procedure until you have been appropriately trained and authorized to do so.

Required Training

Read and understand safe work procedures.
Must have arc Flash training

Must be licenced to perform work

Required Personal Protective Equipment and Devices



Eye Protection Required



CSA Approved Safety Footwear Required



Information on Arch flash required

Potential Hazards

- Electrical shock
- Arc flash

Pre-Operational Safety Checks

- Ensure tool handles are insulated. Make sure of proper breaker.
- **Logout/tagout procedures must be used**

Prohibited Activities

- Do not Smoke
- Ensure power is off before starting.

Safe Work Procedure

1. Put on all required personal protective equipment.
2. Isolate power to branch circuit, if unable to locate panel, use panel disconnect to de-energize entire panel.

CAUTION: With electrical meter, check to ensure circuit is de-energized.

3. Remove defective breaker and install new breaker.
4. Make sure all connections are secure.
5. Re-energize circuit and test for proper voltages.

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.

REPORT ANY HAZARDOUS SITUATION TO YOUR INSTRUCTOR/SUPERVISOR IMMEDIATELY

Housekeeping

- Place all materials in their proper storage areas.
- Ensure the area is safe, clean and tidy before you leave it.

Guidance Documents/ Standards/ Applicable Legislation/ Other:

Guidance Documents:

- Operator's Manual

CSA Standards:

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Manitoba Regulation 217/06:

- 2.1 Safe Work Procedures
- 6.1 Personal Protective Equipment

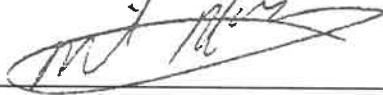
Date Written: 2016/06/01

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Date Revised:

Approved By: Michael McCormick, Director of Physical Plant

Signature: _____



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