SaskPower	**Operation of Single Phase OCR with 3-Way Bypass**	Standard Operating Procedure

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1.0 Persons Affected

This Standard Operating Procedure (SOP affect:

All Power Line Technician(s) required to work on the operation of single phase Oil Circuit Reclosure (OCR) with 3-way bypass.

2.0 Purpose

This SOP provides:

This SOP is intended to provide the approved method to isolate and make alive a single-phase line using an OCR with 3-way bypass for Power Line Technician(s).

3.0 Rationale

This SOP ensures the following:

- The SOP will reduce the risk of serious injury or death from the hazard of preforming the operation of single phase OCR with 3-way bypass.

4.0 Scope

In-the-Scope of the Procedure

- The procedure includes the following:
    - The procedure details how to isolate and make alive a single-phase line using an OCR with a 3-way bypass.

Out-of-the-Scope of the Procedure

- The procedure does not include the following:
    - Procedure to test for absence of potential

5.0 Policies and Regulatory Requirements

This SOP/Work Practice is a result of the following policies, regulations, industry standards, and corporate directives and standards:

Policies:

- Personal Protective Equipment Policy
- Job Hazard Assessment Policy
- Hazard Controls Policy

Regulatory Requirement(s)

- *Saskatchewan Occupational Health & Safety Regulations.*
- Part XXX, Sections 451, 465 and Table 22

Other

- Standard Protection Code
- SaskPower Safety Rulebook
- SaskPower Standards and Processes in support of Corporate Safety Policies

6.0 Roles, Responsibilities and Prerequisites

In-the-Scope of the Procedure/Work Practice Role(s)	Quantity Required	Responsibilities	Prerequisites
Operator(s)	1 or More	1. Inspect tools prior to use	1. Successful completion of Standard Protection Code training

7.0 Tools and Equipment

Tools and Equipment and Quantity Required:

- Approved potential test indicator
- Insulated stick

8.0 Planning and Preparation Checklist

Things to Check Before Starting the Procedure:

☐ Complete Hazard and Risk Assessment

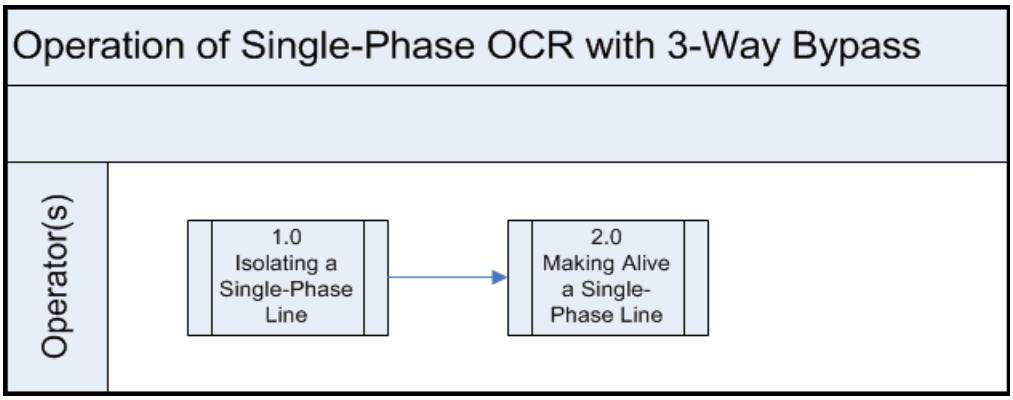
☐ Applicable Personal Protective Equipment (PPE) is available and in good condition.

☐ Ensure test dates on equipment and tools are current

☐ Obtain SaskPower Standard Protection Code and related permits

9.0 Procedure

High Level Flowchart



The Procedure

Isolating and making alive a single-phase line using an OCR with a 3-way bypass.

1.0 Isolating a Single-Phase Line

1.1 Isolating a Single-phase Line

1.1.1 The Operator shall use the following steps for isolating a single-phase line:

- *Visually inspect structure to confirm it is in the proper operating position*
- *Ensure the bypass blade on the 3-way bypass is open*
- *Open the OCR handle (trip lever)*
- *Test for absence of potential on the load riser using an approved potential test indicator.*
- *Open the load and line blades on the 3-way bypass*
- *Remove hot line clamp and secure it (if removing the hot tap poses no added risk to the worker)*
- *Tag the pole with the proper Standard Protection Code (SPC) Permit Card*

2.0 Making Alive a Single-Phase Line

2.1 Making alive a single-phase line

2.1.1 The Operator shall use the following steps to make alive a single-phase line:

- *Replace the hot line clamp (if it has been removed)*
- *Ensure operating handle is in open position*
- *Close the line blade on the 3-way bypass*

- *Test for the absence of potential on the load riser using an approved potential test indicator*
- *Close the load blade on the 3-way bypass*
- *Close the OCR handle (trip lever)*
- *Test the line for potential to ensure the OCR has close properly and the line is energized*
- *Remove the SPC Permit Card*

10.0 Acronyms, Definitions and Symbols

Acronyms and Abbreviations

OCR - Oil Circuit Recloser

Definitions

N/A

Symbols

N/A

11.0 Components

The following is a list of components for this SOP which can be accessed through the SOP System:

Component Name	Component Type	Component Description	Location of Component
Operation of Single Phase OCR with 3-Way Bypass Flowchart	Flowchart	A high level and mid-level flowchart for this procedure	SOP Online - SOP Bundle: Operation of Single Phase OCR with 3-Way Bypass

12.0 Owner

Owner
Operations and Maintenance Director - Kevin Schwing

13.0 References

References	Location of Resource