



Transmission and Distribution Dedicated Observer

Standard
Operating
Procedure

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1.0 Purpose

This SOP provides:

- An outline for the approved process to identify and utilize a dedicated observer where Energized Work Methods or Critical Tasks are being performed.

2.0 Roles and Prerequisites

Role(s)	Quantity Required	Prerequisites
Qualified Worker	1 or more Journeyman Powerline Technician(s)	<ol style="list-style-type: none"> 1. A member of the work group that is qualified in the work methods being performed (MUST NOT BE AN APPRENTICE) 2. Understanding of the information within this SOP

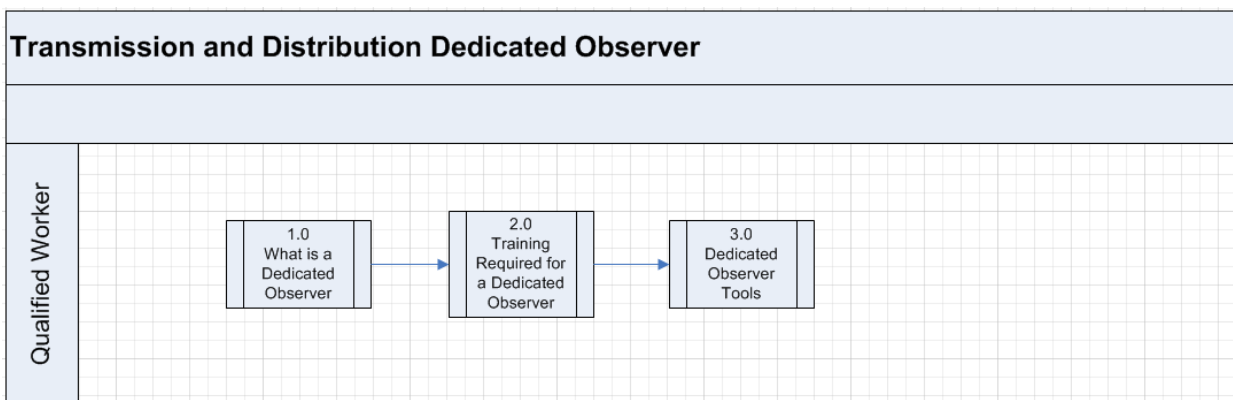
3.0 Tools and Equipment

Minimum Tools and Equipment Required:

- Audible Alarm device
- Dedicated Observer Identification apparel (ex: Yellow Vest)

4.0 Procedure

High Level Flowchart



The Procedure

NOTE: The following requirements shall be met prior to the start of the procedure:

- Complete Hazard Aspect and Risk Assessment with the name of the Dedicated Observer documented and clearly communicated

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

1.0 What is a Dedicated Observer

1.1 A Dedicated Observer is:

- *For Transmission and Distribution is a worker qualified in the work methods to be performed and has a good understanding of the hazards and risks associated with those work methods.*
- *A stakeholder in the agreed to work methods and the development of the HARA to be followed while executing those work methods.*

2.0 Training Required for a Dedicated Observer

2.1 Training Required

- *Trained, qualified, has demonstrated knowledge and skill in the work methods being performed and understands all hazards involved.*

3.0 Dedicated Observer Duties

3.1 Dedicated Observer Duties are but not limited to:

- *Participate in the development of the Job Plan and HARA*
- *Have immediate access to the rescue plan developed for this location*
- *The Dedicated Observer shall remain on the ground and is specifically assigned to observe all live line or critical work methods being performed*
- *Has the Authority to and will STOP any work felt to be unsafe or outside of the documented HARA. Participate in re-evaluating the situation and work methods being used. Ensure the revised plan is agreed to by all workers involved and the HARA is re-signed..*
- *Maintain continuous communications with worker(s) aloft, and have an Audible warning device(ie: Portable Air Horn, Truck Horn Alarm remote, Whistle).*
- *Ensure Minimum Approach Distances are maintained at all times for workers and equipment*
- *Worker(s) aloft are following safe work practices*
- *Be aware of other hazards or obstructions that are to be avoided*
- *Warn other workers and public of the work zone and to stay clear of the grounded equipment/vehicle while work methods are being performed aloft*



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- *Ensure other equipment in the area does not affect the operation of the aerial equipment being utilized to perform the work methods*
 - *Monitor weather and be aware of any predicted changes*
 - *The Dedicated Observer shall ensure that all workers under their direction comply with the Act and Regulations covered under the associated work methods.*
 - *When an Aerial device is being used, be capable of operating the aerial device including the override function from the lower boom controls and executing a aerial rescue*
- *The Dedicated Observer shall not perform any other task on the ground unless the live line methods or critical tasks aloft have ceased and the workers are clear of all hazards*
 - *If the Dedicated Observer is required to do other work, the worker(s) aloft shall be notified, stop work methods and move clear of all hazards until that person returns to Observe the work methods being performed.*
 - *Once the live line or critical work methods are complete and the worker(s) aloft are clear of all hazards, the Observer may then participate in other activities*

5.0 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
'insert'item	'insert'item	'insert'item	'insert'item

6.0 Acronyms, Definitions and Symbols

Acronyms and Abbreviations

N/A

Definitions

N/A

Symbols

N/A



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7.0 Policies and Regulatory Requirements

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

Regulatory Requirement(s)

- Occupational Health and Safety Regulations
 - Section 465 - Qualified Electrical Worker

Policies

- Hazard/Aspect and Risk Assessment Policy
- Personal Protective Equipment Policy
- Field Care for Live Line Tools

Standards

- Deviation from Safe Work Procedure Standard
- Personal Protective Equipment Standard
- Hazard/Aspect and Risk Assessment Standard

Other

- Safety and Environment Rulebook
- Environmental Best Management Practices

8.0 References

References

25kV Rubber Glove Work Rules
Live Line Bare Hand Training