

	Transmission and Distribution	DOCUMENT NUMBER	QCP-006
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	Quality Control	EFFECTIVE DATE	02/04/2021
<b>OVERHEAD DETAILED QC INSPECTION PROCESS FOR DISTRIBUTION EQUIPMENT</b>			

## TABLE OF CONTENTS

SECTION	PAGE
<b>1.0 PURPOSE</b>	<b>2</b>
<b>2.0 RESPONSIBILITIES</b>	<b>2</b>
<b>3.0 REFERENCES</b>	<b>2</b>
<b>4.0 PREREQUISITES</b>	<b>3</b>
<b>5.0 PRECAUTIONS</b>	<b>3</b>
<b>6.0 PROCEDURE</b>	<b>3</b>
6.1 Workflow / Assignment	3
6.2 Inspection	3
6.3 Acceptance Criteria	4
6.4 Documentation	4
6.5 Checkpoint Review	4
<b>ATTACHMENTS</b>	
None	

 <b>SOUTHERN CALIFORNIA EDISON®</b> Energy for What's Ahead™	Transmission and Distribution	DOCUMENT NUMBER	QCP-006
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## 1.0 PURPOSE

- 1.1 This procedure describes the SCE Quality Control (QC) activities utilized to provide independent oversight of the Overhead Detailed Inspection (ODI) Program. Independent SCE QC inspections of poles are performed to assess the inspections performed by SCE Electrical Service Inspectors (ESIs) and Contract Inspectors (CIs), and to provide reasonable assurance that quality in-field inspections are being performed by the ESIs and CIs.
- 1.2 SCE QC inspections for OCI are based on sampling techniques defined by Governance and Reporting.
- 1.3 SCE QC inspection results are provided to G&R for reporting purposes. The information provided is intended to drive performance improvement.

## 2.0 RESPONSIBILITIES

- 2.1 The QC Senior Manager reports to the Compliance and Quality (C&Q) Principal Manager and is responsible for the overall QC Program development, implementation, and continuous improvement.
- 2.2 The QC Operations Manager(s) is responsible for the day-to-day operations of the ODI QC program and for ensuring only personnel qualified to PQS OQAODI “Overhead Detailed Inspections” are assigned to perform ODI inspections. Ensures all provided scope is assigned monthly.
- 2.3 QC Inspectors are responsible for performing independent QC inspections of the ESI and CI work and for assuring the pole being inspected meets the requirements of CPUC GO 95 and Distribution Inspection and Maintenance Program Manual requirements as related to quality.
- 2.4 While performing inspections, QC Inspectors shall adhere to QCDP-004 QC Field Hazard Mitigation desk-top procedure.

## 3.0 REFERENCES

- 3.1 CPUC General Order 95 – Overhead Electric Line Construction
- 3.2 CPUC General Order 165 – Inspection Requirements for Electric Distribution and Transmission Facilities

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- 3.3 SCE Accident Prevention Manual
- 3.4 Distribution Inspection and Maintenance Program (DIMP)
- 3.5 QCP-003 Qualification and Training of QC Personnel
- 3.6 QC DP-004 QC Field Hazard Mitigation

#### **4.0 PREREQUISITES**

- 4.1 Verify this document is current by reviewing the “Quality Control Document Revision Index.”
- 4.2 QC personnel performing overhead detailed inspections shall be qualified to Performance Qualification Standard OQAODI, “Overhead Detailed Inspections.”

#### **5.0 PRECAUTIONS**

- 5.1 QC personnel performing overhead detailed inspections shall wear appropriate personnel protective equipment and meet the relevant requirements of the SCE Accident Prevention Manual.
- 5.2 QC inspectors will not perform any electrical work on/or in the structure/equipment, especially on energized equipment.

#### **6.0 PROCEDURE**

- 6.1 Workflow / Assignment
  - 6.1.1 Independent SCE QC inspections are performed for the work completed by SCE and Contractor inspectors.
  - 6.1.2 Selection of work is provided by G&R monthly.
- 6.2 Inspection
  - 6.2.1 The SCE QC inspector shall review assigned work prior to going to the field to verify no data issues exist that would result in inspection delays
  - 6.2.2 The SCE QC inspector performs inspections of the assigned structure and records the results in Survey 123. Technical issues/concerns may be raised through management/supervision or to the QC ODI subject matter expert.

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6.2.3 The SCE QC inspector assesses the ESI and CI's work to assure the pole being assessed meets the applicable GO 95 requirements and that no potential GO infractions exist. Any misidentified items (GO infractions) or issues that affect safety/reliability will result in a failed structure for the purposes of assessing the ESI and CIs overall performance.

6.2.4 QC inspection records shall specify the structure inspected, the inspector, the date of the inspection, and any problems (or items requiring corrective action) identified during each inspection. The inspector should clearly annotate the GO infraction or issue that has not been satisfied.

### 6.3 Acceptance Criteria

6.3.1 Acceptability of product being inspected is obtained from GO95 and DIMP Manual.

### 6.4 Documentation

6.4.1 The SCE QC inspector documents completed inspection results into the Survey 123 app. Documentation shall include photographs of the structure and any identified nonconforming conditions.

### 6.5 Checkpoint Review

6.5.1 All nonconforming conditions identified by QC inspectors for each month are reviewed for accuracy during the checkpoint review process. The checkpoint review process provides a learning opportunity and continuous improvement in the inspection process.

6.5.2 Program SME to review inspection results for the month and communicate to Governance and Reporting for reporting process.