

 SOUTHERN CALIFORNIA EDISON Energy for What's Ahead™	Operational Excellence	DOCUMENT NUMBER	QCP-015
	Compliance & Quality	REVISION	0
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Generation QC Inspection Process for Generation Assets			

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ATTACHMENTS

None

Approved by:

(Signature on File)

Date:

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1.0 PURPOSE

1.1 This procedure describes the SCE Quality Control (QC) Program and processes utilized to assess and report SCE Maintenance and Inspection and performance for work performed on Generation Assets in Generation Inspections.

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 Managers/Supervisor report to the QC Senior Manager and are responsible for implementing the QC functions and day-to-day operations for their respective QC area of responsibility.

2.3 QC Inspectors are responsible for performing inspections in accordance with the requirements of the implementing procedures; raising any safety or technical concerns through their supervision/management; performing self or group tailboards (pre-job briefings) prior to performing field inspections; and for adhering to applicable requirements of the SCE Accident Prevention Manual.

3.0 REFERENCES

3.1 Generation Inspector WMP Training Deck 2021.

3.2 SCE Accident Prevention Manual.

3.3 QCP-003 Qualification and Training of QC Personnel

3.4 QCDDP-004 QC Field Hazard Mitigation

3.5 CPUC General Order 95-Overhead Electric Line Construction

3.6 CPUC General Order 128-Underground Electric Line Construction

4.1 PREREQUISITES

4.2 Verify this document is current by reviewing the “Quality Control Document Revision Index.”

4.2 QC personnel performing Generation Inspections shall be qualified to Performance Qualification Standard PQSQCGIP “Generation Inspection Program”

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.

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6.0 PROCEDURE

6.1 Applicability

6.1.1 The QC Inspection Program applies to oversight of SCE Maintenance and Inspection in the Generation Inspections Program.

6.2 Codes and Standards

6.2.1 QC assesses the work performed to California Public Utilities Commission (CPUC) General Orders (GO) 95 and 128, and to the applicable SCE construction standards to include, but not limited to:

- Generation Inspector WMP Training Deck 2021

6.2.2 QC inspection is primarily performed for completed SCE Maintenance and Inspection activities.

6.3 Inspection Programs

6.3.1 Programs assessed by QC include the following:

- **Generation Inspection Program**; a program for the verification of SCE Generation locations and assets integrity to the requirements of the Generation Inspector WMP Training Deck 2021.

Inspection Process

6.3.2 Inspections will be performed in a manner that will identify and document Generation Assets with visible high fire ignition risks due to exposed high voltage and low voltage wiring as well as vegetation growth and encroachment.

6.4 Ad hoc Quality Control Inspection Requests

6.4.1 Requests for QC to support ad hoc inspections shall be vetted through the QC Senior Manager.

6.5 Qualification of Quality Control Inspection Personnel

6.5.1 QC inspections are performed by personnel appropriately trained and qualified for the inspection being performed.

6.5.2 The requirements for training and qualification of QC inspection personnel are detailed in procedure QCP-003.

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- 6.6 Inspection Process
 - 6.6.1 Generation Inspection Program are performed and documented in accordance with procedures QCP-003, respectively.

- 6.7 Quality Control Peer Review Process
 - 6.7.1 All work performed by QC inspectors for Generation Inspection Program is subject to QC Peer Review Process.
 - 6.7.2 Inspections associated with Generation Inspection Program are subject to QC peer review via the checkpoint review process.
 - 6.7.2.1 The checkpoint review process is performed by all available QC inspectors and applicable QC Management.
 - 6.7.2.2 At the end of each inspection cycle, all documented QC findings are reviewed in a team environment to assure findings identified by QC are valid and are consistent relative to CPUC and company standards.
 - 6.7.2.3 The checkpoint process provides a healthy learning environment and exchange of information related to QC inspection techniques, as well as validating inspection findings. Each identified finding is documented via photograph.
 - 6.7.2.4 During the checkpoint review process, QC findings may be overturned for several reasons, which may include reliance on the knowledge of more experienced QC inspectors or prior results from Technical Review Board disputed findings.

- 6.8 Quality Control Data Reporting Process
 - 6.8.1 Program SME to review inspection results for the inspection cycle communicate to Governance and Reporting for reporting process.

- 6.9 Quality Control Finding Resolution Process
 - 6.9.1 Findings identified because of the QC inspection program are monitored/tracked for resolution.
 - 6.9.2 Findings are required to be corrected within the specific program timeline of being identified on the quality control inspection reports.

- 6.10 New/Pilot Program Inspection Requests
 - 6.10.1 Requests for QC to support new and/or pilot program within the Generation Inspections Program shall be vetted through the C&Q intake process.