

# **SOUTHERN CALIFORNIA EDISON TRANSMISSION AND DISTRIBUTION**

## **Underground Structures Standards (UGS)**

**2018 FIRST QUARTER ISSUE**

**January 26, 2018**

***Note:** Please refer to the **on-line** version of this manual at SCE's Standards & Publications Web site to ensure information is current. Printed versions and downloaded versions are not updated, and may not contain the most current information and in-force guidance.*



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# Underground Structures Standards (UGS)

## Revision Summary

### 2018 First Quarter Issue

Effective Date: January 26, 2018

## Overview

The main purpose of this revision summary is to describe notable revisions for the current quarter ([Table RS-3](#)). In addition, this revision summary provides:

- A list of the items in the revision package ([Table RS-1](#))
- Links to Web sites giving instructions for ordering and printing additional copies of revision packages or complete manuals
- Contact information

**Note:** Some or all of the information in this revision summary may have been previously communicated to field personnel by other means.

**Table RS-1: List of Items in Revision Package**

Item	Description
1	Title Page
2	Revision Summary (this document)
3	MH 310: Precast Tub-Type Manholes
4	FC 670: Existing Vault and Manhole – Frame and Cover Replacement and Restraint Installation
5	MC 860: Inspection Criteria for Concrete Vaults, Manholes, and Covers
6	MC 880: Repair Specifications for Concrete Pad Structures
7	MC 890: Foundation Detail for Fiberglass Nostalgic, Fiberglass, Steel, or Concrete Electroliers

## Ordering Information

### ***Southern California Edison Employees***

For instructions on ordering the manual through the Edison Portal, visit Transmission & Distribution > Standards and Publications, and click the appropriate link under “Place an Order.”

### ***Non-Southern California Edison Employees***

For instructions on ordering the manual, visit <https://www.sce.com/wps/portal/home/regulatory/distribution-manuals>

## Summary of Revisions

Standards-approved revisions are identified with **change bars** and can be “Admin” (Administrative), “New,” or “Technical” revisions. These three types of revisions are defined below in [Table RS–2](#), followed by the revisions themselves in [Table RS–3](#).

**Table RS–2: Definitions of Revision Types**

Type	Definition
Admin	Admin revisions do not significantly affect design, construction, maintenance or operation of the electrical distribution, substation, and transmission systems. These revisions do not require Standards Review Team (SRT) or management approval; however, these revisions have been approved by other organizations as appropriate. Admin revisions may include updates to SAP numbers, updates to references, updates to standards for clarity, or deletions of outdated information.
New	Refers to a new standard. New technical standards require SRT and management approval.
Technical	Technical revisions are engineering changes to existing standards. These revisions affect the design, construction, maintenance or operation of the electrical distribution, substation, and transmission systems. These revisions require SRT and management approval.
Pilot	A Pilot is an in-field evaluation of a piece of equipment or work method, with the intention of approving for standardized use. Pilot standards will have a <b>PILOT</b> watermark so that they are easily identified throughout this manual

**Table RS-3: UGS Manual Revisions**

<b>Standard</b>	<b>Sheet</b>	<b>Description</b>	<b>Type</b>
MH 310	1	Figure MH 310-1 was updated for clarity.	Admin
FC 670	3	Figure FC 670-3 was updated for clarity.	Admin
MC 860	ALL	Various verbiage additions and deletions for all major sections to clearly define inspection criteria for vaults, manholes, and covers.	Admin
MC 880	ALL	New Standard for repair specifications for concrete pad structures.	New
MC 890	1	Figure MC 890-1, Note 1 was updated for clarity.	Admin
	2	Figure MC 890-2, Note 1 was updated for clarity.	

## Getting Help

### ***Technical Revisions***

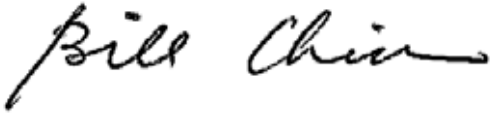
If you have any comments, corrections, questions, or suggestions concerning manual revisions, please contact the following individual at the numbers provided or click on a name to send an e-mail:

- [Juan Castaneda](#) (Mgr.) — PAX: 54782, Outside: (714) 895-0782
- [Alaira Bilek](#) — PAX: 54156, Outside: (714) 895-0156
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- [Gabriel Mercado](#) — PAX: 54198, Outside: (714) 895-0198

### ***Address Corrections***

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1 Innovation Way, Pomona  
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Bill Chiu  
Director of Engineering

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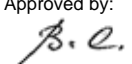


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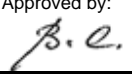
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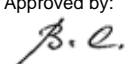
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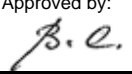
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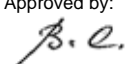
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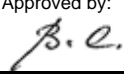
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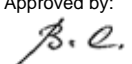
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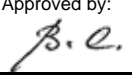
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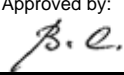
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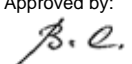
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