

# **SOUTHERN CALIFORNIA EDISON TRANSMISSION AND DISTRIBUTION**

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

**2021 FIRST QUARTER ISSUE**

**January 29, 2021**

***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.*



Contact Dig Alert (811)  
48 Hours Prior to Excavating

Copyright © 2021 Southern California Edison. All rights reserved.

No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without the prior written permission of Southern California Edison.

SOUTHERN CALIFORNIA EDISON  
TRANSMISSION AND DISTRIBUTION  
STANDARDS AND PUBLICATIONS  
7400 FENWICK LANE, WESTMINSTER, CALIFORNIA 92683  
PAX 54156 • VOICE: (714) 895-0156 • EMAIL: [ALAIRA.BILEK@SCE.COM](mailto:ALAIRA.BILEK@SCE.COM)

# Underground Structures Standards (UGS)

## Revision Summary

### 2021 First Quarter Issue

Effective Date: January 29, 2021

## Overview

The main purpose of this revision summary is to describe new revisions to this manual. (Some or all of the information may have been previously communicated to field personnel by other means.)

[Table 1](#) lists the revisions. Clickable page/sheet numbers link directly to individual revisions or the first of a series of revisions.

[Table 2](#) defines four types of revisions: (1) Admin (Administrative), (2) Technical, (3) New, and (4) Pilot.

**Note:** *Admin and Technical revisions to existing standards or existing Pilot projects are identified with change bars | in the left margin. New standards (as well as new pilot projects) do not receive change bars. Editorial revisions, such as corrections to spelling, do not receive change bars.*

A [Getting Help](#) section provides contact information.

**Table 1: Revisions**

Standard	Sheet	Description	Type
<a href="#">HP 210</a>	<a href="#">All</a>	Updated existing pull box requirements to reflect Reference Only and added new pull box requirements.	Admin
<a href="#">HP 225</a>	<a href="#">All</a>	Added minimum coefficient of friction for pull box covers.	Admin
<a href="#">HP 228</a>	<a href="#">All</a>	Corrected reference to lift-assisted pull box cover for 4' x 6' pull box	Admin
<a href="#">SS 587</a>	<a href="#">All</a>	Changes to pad cable opening orientation.	Admin
<a href="#">FC 615</a>	<a href="#">All</a>	36" X 60" Lift Assist Steel Pullbox cover updates.	Admin
<a href="#">FC 615</a>	<a href="#">All</a>	48" X 78" Lift Assist Steel Pullbox cover updates.	Admin
<a href="#">FC 670</a>	<a href="#">All</a>	Updated dimensions and SAP numbers pertaining to existing CPRR standards for vaults	Technical
<a href="#">FC 700P</a>	<a href="#">All</a>	Initial issue of pilot standard for CPRR for SOEs.	Technical

**Table 2: Revision Types**

Type	Definition
Admin	Administrative revisions do not significantly affect design, construction, maintenance or operation of the electrical distribution, substation, and transmission systems. They do not require Standards Review Team (SRT) or management approval; however, they have been approved by other organizations, as appropriate. They may include updates to material codes, updates to references, updates to standards for clarity, or deletions of outdated information.
Technical	Technical revisions are engineering changes to existing standards. They affect the design, construction, maintenance or operation of the electrical distribution, substation, and transmission systems. They require SRT and management approval.
New	Refers to a new standard. New technical standards require SRT and management approval.
Pilot	A <i>Pilot</i> 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.

## Getting Help

### *Technical Issues*

If you have any comments, corrections, questions, or suggestions concerning manual revisions, please contact one of the following individuals at the numbers provided, or click on the name to send an email:

- [Alaira Bilek \(Manager\)](#) — PAX: 54156 Outside: (714) 895-0156
- [Alan Kasanow](#) — PAX: 54733 Outside: (714) 895-0733
- [Araya Gebeyehu](#) — PAX: 54229 Outside: (714) 379-7949
- [Luis D. Perez](#) — Outside: (949) 533-7919

### *Address Corrections*

Send address changes to:

Southern California Edison  
7400 Fenwick Lane  
Westminster, CA 92683-5288

ATTN: Alaira Bilek



Russell Ragsdale

**Director of Asset & Engineering Strategy**

# Division Index

<b>Section</b>	<b>Tab</b>
Division Index .....	Division Index
Table of Contents .....	TOC
General Information .....	.GI
Conduits .....	CD
Handholes and Pull Boxes .....	HP
Manholes .....	MH
Vaults .....	VA
Surface or Semi-Buried Structures .....	SS
Frames and Covers .....	FC
Accessories .....	AC
Miscellaneous .....	MC

Approved by:	Division Index	<b>DI</b>
Effective Date:		Sheet 1
10-26-2012		<b>UGS</b>

This page intentionally left blank.