

SOUTHERN CALIFORNIA EDISON TRANSMISSION AND DISTRIBUTION

Underground Structures Standards (UGS)

2018 SECOND QUARTER ISSUE

April 27, 2018

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Underground Structures Standards (UGS)

Revision Summary

2018 Second Quarter Issue

Effective Date: April 27, 2018

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
MH 310	1	Updated UGS reference from GI 031 to GI 030.	Admin
MH 319	1	Figure MH 319-1 updated reference for restraint assembly and approved joint seal.	Admin
	2	Figure MH 319-2 updated reference and added 4-1/2" dimension callout.	Admin
VA 410	5	Figure VA 410-3 was updated.	Admin
	6	Figure VA 410-4 was updated with reference to UGS GI 030.2 in section view.	Admin
	7	Table VA 410-1 was updated with new quantities for each kit item.	Admin
VA 411	3	Figure VA 411-2 was updated.	Admin
	4	Figure VA 411-3 was updated with reference to UGS GI 030.2 in section view.	Admin
	6	Table VA 411-1 was updated with new quantities for each kit item.	Admin
SS 590	2	Figure SS 590-2, updated width of structure in plan view from 6' 3-1/2" to 6'-8"	Admin
FC 627	1	Figure FC 627-1 updated.	Admin
	2	Updated manufacturer part number for 8" manhole frame.	Admin

Table 1: Revisions (Continued)

Standard	Sheet	Description	Type
FC 661	1	Figure FC 661-1, updated reference to FC 627 Sheet 3 for Swiveloc Cover.	Admin
FC 670	1	Figure FC 670-1, added Note 1 and updated sheet references.	Admin
	2	Figure FC 670-2, updated sheet references.	Admin
	3	Figure FC 670-3, added Note 1 & updated sheet references.	Admin
	4	Figure FC 670-4 was updated.	Admin
	6	New Scope FC 670.6 for Type 4 Installation.	Admin
AC 731	1	Added new figure detailing the ground bus support roller, along with making it the preferred method of ground bus support. J-hooks will now be the alternate method of providing ground bus support.	Admin
MC 805	ALL	Initial Issue for Distribution Cable Trench Standard.	New
MC 830	2	Added new Figure MC 830 1.5 detailing cast-in-place concrete barrier. Added additional details and SAP numbers for Figures MC 830 1.3 & Figure MC 830 1.4.	Admin

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 PILOT 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:

- [Juan Castaneda](#) (Manager) — PAX: 54782 Outside: (714) 895-0782
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Principal Manager Lead, Engineering

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