

Construction News - Engineering

CEOM7098 – Underground Design and Construction Manual Update

- > CEOM7098 – Underground Design and Construction Manual has been updated, and now published.
- > It is the responsibility of all those that are involved with Design, Certification, Network Assurance, and installation to understand the contents of this document and the recent changes.

Background – what happened?

Updates to CEOM7098 – Underground Design and Construction Manual have been completed and the document is now available via Standards Online. The revisions table at the rear of the document outlines all of the changes as an easy reference.

If it is the first time using the policy, it is important to understand its content. This document is for both design and installation. The policy also contains important information on the design and installation fundamentals required for installing equipment covered in this document.

Areas of the document impacted by changes include (but not limited to):

- > Requirements for Construction Plans added
- > Requirements for the installation of pillars (Single phase pillars, service lead in conduits, restricted use of 300mm² LV cable)
- > Requirements for assets installed near areas of Zone of Influence (Pillars, Padmount Substations, Trenching)
- > Updated requirements for Castell Interlocking where two Substations may be connect through the LV
- > Responsibility to identify environmental controls when installing assets
- > Trench Bedding Material - References to sand removed
- > Trenchless Technology – Addition of maximum depths at the ends and installation methods approved.
- > Responsibilities required when working near SWER poles
- > Introduction of 300mm² LV cable
- > Introduction of 95mm² AL single core cable.

The changes in this document are considered low risk and are not likely to have a major impact on overall design or installation of a project. Full compliance to these changes is expected from 1 March 2022 moving forward.

What do you need to do?

Make sure you are aware of the changes outlined in CEOM7098 – Underground Design and Construction Manual. Communicate with Essential Energy where requirements are not clear prior to construction.



More information is available on [Standards Online](#). If you have any questions, please contact: Daniel Kelly, on 02 6589 8629 or Graeme Barnewall, on 02 6589 8748.