
CSA Overhead and Underground Systems Standards - 2025

Distribution Company Awareness

Within Regulation 22/04 – Technical Guidelines for Sections 6, 7 & 8, ESA encourages Distributors to follow the latest National Standards and Codes. In the guideline ESA recognizes that typically 1-year from the publication date is considered sufficient for transitioning.

For the 2025 editions of the Overhead and Underground System Standards (C22.3 No.1 and No.7), ESA supports recognizing a transition period extending to **June 2028**.

Regulation 22/04 – Technical Guideline Excerpt

3.2 National Standards and Code

3.2.1 If distributors are going to build to National Standards or Codes what do they need to follow?

Section 5 of the Regulation states that the safety standards are deemed to be met when the minimum requirements specified in existing National Standards or Code are adhered to. Distributors are encouraged to use the latest National Standards or Codes. Transitioning to the latest National Standards or Codes varies based on the magnitude of changes. Typically, a period of 1 year from the publication date is considered sufficient for transitioning plans and Standard Designs.

ESA Recommends

Distributors are encouraged to adopt the latest National Standards and Codes, as soon as possible. ESA notes there are significant changes within the 2025 editions that alter engineering practices including standards, specifications, software, etc. ESA will continue to engage with industry stakeholders and provide additional guidance, where necessary, to support a safe and effective transition.

Supporting Industry Competence and Compliance

To help industry professionals effectively apply these standards, CSA Group offers the updated [CE Code, Part III Essentials Course](#)—a comprehensive learning opportunity designed to deepen understanding of overhead and underground system requirements. The course, led by seasoned industry experts, helps utilities, regulators, and engineers align their practices with the latest national safety and performance expectations.