



Information Bulletin:

Revised ES54 S3 Medium-Voltage Primary Services Private Property Installation Standards

1.0 Items Covered

- ES54 S3-01 R8 Primary Services Dead-Front Outdoor Kiosk Private Property Installation
- ES54 S3-02 R3 Primary Services Live-Front Outdoor Kiosk Private Property Installation
- ES54 S3-03 R3 Primary Services Indoor Switchgear Private Property Installation

This advisory and standards listed above can be found at bchydro.com/distributionstandards.

2.0 Overview

The above listed standards have been revised. The changes provide clarification of clearance requirements to the high-voltage utility compartment and cover the removal of the copper temper to bus bar description. The changes are described in the following table.

Page	Section/detail	Change
ES54 S3-01		
5	Figure 3, detail 4	Removed copper temper to bus bar description
ES54 S3-02		
5	Figure 3, detail 3	Removed copper temper to bus bar description
ES54 S3-03		
2	Note 6	Expanded on 1500 mm clearance requirement and removed reference to BC Electrical Code
3	Note 22	New note
4	Figure 1	Removed depth dimension of service ducts
5	Figure 2	Removed reference to note 6- and 1500-mm dimension between wall and service equipment. Removed depth dimension of service ducts.

Page	Section/detail	Change
6	Figure 3	Updated Figure 3 to show unobstructed access area with a reference to note 6. Removed depth dimension of service ducts.
7	Figure 4	Updated Figure 4 to show unobstructed access area with a reference to note 6. Added legend for and arrow pointing to removable cable guard, and extended 2000 mm dimension to cable in duct.
8	Figure 6	Updated entire figure
9	Figure 7, detail 2	Removed copper temper to bus bar description

3.0 Action

ES54 S3-01 R8, ES54 S3-02 R3, and ES54 S3-03 R3 become effective on Sept 30, 2024. Applications for work approved by the local BC Hydro design office on or after Sept 30, 2024, shall meet the requirements of the new standard revisions. Work approved prior to Sept 30, 2024, may comply with the new revisions of the noted standards, or may choose to comply with the previous revisions.

Designers, Engineers, and Civil Inspectors

Designers and engineers should familiarize themselves with the revisions to ES54 S3-01 R8, ES54 S3-02 R3, and ES54 S3-03 R3.

Customers and Customer Representatives

Customers and customer representatives, including electricians, project managers, consultants, and contractors, should familiarize themselves with the revisions to ES54 S3-01 R8, ES54 S3-02 R3, and ES54 S3-03 R3. Please direct any questions or concerns to your local BC Hydro representative. The newly revised standards have been posted for information and awareness only. The new revisions become effective Sept 30, 2024. In-flight designs approved on or before Sept 30, 2024, may proceed with the previous standard revisions or may comply with the new revisions.

4.0 Distribution Standards Contact

Customers and customer representatives please direct any questions or concerns to your local BC Hydro representative.

BC Hydro employees and contractors please direct any questions or concerns related to the standards to distribution.standards@bchydro.com.

5.0 Approval

Recommended		Reviewed		Approved	
					
C. Picassi		M. Stevens		H. Giesbrecht	
Date:	2024-06-21	Date:	2024-06-21	Date:	2024-06-21