



Information Bulletin:

Revised ES54 E4-04, F3-06, F3-07, and F3-08

1.0 Items Covered

ES54 E4-04 R1	Above Ground Switchgear BC Hydro Vault on Private Property
ES54 F3-06 R11	BC Hydro Transformer Pad on Top of Soil on Private Property Inside Building Alcove
ES54 F3-07 R5	BC Hydro Pad-Mounted Transformer on Private Property Next to Customer Building
ES54 F3-08 R2	BC Hydro Transformer on Top of Building Slab or Inside Building Alcove on Private Property

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

2.0 Overview

The above standards have been updated. Customer grounding and BC Hydro counterpoise figures have been revised. Bonding plug details have been revised. Ground test details have been added. Fall of Potential Report, Soil Resistivity Report for BC Hydro Equipment, and Customer Duct and Grounding Declaration are no longer required and have been removed.

Changes in ES54 E4-04 R1 are described in the following table:

Page	Section	Changes
1	Items Required	Removed ground rod related items.
2	Notes	Removed notes 1, 9, and 10 and re-numbered the notes. Added new note 8.
4	Figure 2	Removed grounding connection to building water main grounds. Added grounding test plug next to bonding plug.
5	Figure 3	Revised to show bonding plug and ground test plug.
6	Figure 4	Added ground test plugs to BC Hydro counterpoise plan view.
7	Figure 6	Added ground test plugs to section view.
8	Figure 7	Removed ground rods and building water remote ground connections.

Changes in ES54 F3-06 R11 are described in the following table:

Page	Section	Changes
2	Notes	Revised and added new notes.
3	Notes	Added notes 6c and 7.
6	Figure 2	Added grounding test plug next to bonding plug.
7	Figure 3	Revised to show bonding plug and ground test plug.
8	Figure 5	Added ground test plugs to BC Hydro counterpoise plan view.
9	Figure 6	Added ground test plugs to section view.

Changes in ES54 F3-07 R5 are described in the following table:

Page	Section	Changes
1	Items Required	Item 10 quantity has been revised.
2	Notes	Revised and added new notes.
3	Notes	Revised and added new notes.
4	Notes	Added notes 6d, 6e, and 7.
5	Figure 2	Added ground test plugs. Added reference to Figure 4.
6	Figure 3	Revised to show bonding plug and ground test plug.
7	Figure 4	Added ground test plug to BC Hydro counterpoise plan view. Added snippet of customer ground and reference to Figure 2.
8	Figure 6	Added ground test plugs to section view.
10	Figure 8	Revised building foundation sketch and measurements the installer needs to complete.

Changes in ES54 F3-08 R2 are described in the following table:

Page	Section	Changes
1	Items Required	Added item 11.
2	Items Required	Added item 19.
2	Notes	Revised and added new notes.
3	Notes	Revised and added new notes.
4	Notes	Added notes 6a, 6b, 6c, and 7.
6	Figure 2	Added ground test plugs to section view.
7	Figure 3	Added ground test plugs. Added new detail 3 showing test plug connection.
8	Figure 4	Added ground test plug to section view.

3.0 Action

ES54 E4-04 R1, F3-06 R11, F3-07 R5, and F3-08 R2 are effective August 14, 2025.

4.0 Contact

Please direct questions and concerns related to the standards to distribution.standards@bchydro.com.

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