

The underground inspection takes place when conductors, cables or conduits that are directly buried underground are installed and prior to any wiring being covered.

Underground Inspection	
<b>1</b>	Compliance with wiring methods and materials.
<b>2</b>	Compliance with the requirements for grounding and bonding.
<b>3</b>	Compliance with underground splices, joints, fittings or other connections
<b>4</b>	That the minimum cover requirements are met.
<b>5</b>	All electrical equipment and wiring is suitable for use, and is approved for use in Ontario.
<b>6</b>	The backfill material used is compliant.
<b>7</b>	That suitable marking / warning tape is installed.
<b>8</b>	Provision is made for the prevention of damage to the conductors or the electrical equipment due to movement of the ground from settling or frost action.
<b>9</b>	Buried wiring is properly separated from other services. i.e. gas lines
<b>10</b>	Configuration and ampacity of buried conductors or cables including proper spacing.

**Note:** ESA inspections are limited to the electrical installation, product or device described in the notification. Depending on the nature of the installation, an Inspector may look at all or only some of the above elements. An Inspection does not in any way relieve the applicant from their responsibility to comply with the Ontario Electrical Safety Code in all aspects of their work and the installation.

**Note:** Under the Ontario Electrical Safety Code, the Electrical Safety Authority determines which installations to inspect. ESA may accept installations and issue connection authorizations without conducting inspection.