



Electrical Grounding Inspection Checklist

Commercial Inspections

DevelopmentATX.com | Phone: 311 (or 512-974-2000 outside Austin)
For submittal and fee information, see austintexas.gov/digitaldevelopment

This checklist is provided as a reference tool, and it is not intended to be exhaustive of all possible requirements. Please refer to the latest adopted International Building Code (IBC), International Residential Code (IRC), International Energy Conservation Code (I.E.C.C) Local Amendments to the International Residential Code (IRC-LA), I.E.C.C (IECC-LA), the City of Austin Building Criteria Manual (BCM), the Uniform Plumbing Code (UPC), the City of Austin Land Development Code (LDC), and the National Electric Code (NEC) for code sections listed below.

- IRC, IECC and IBC <https://codes.iccsafe.org/public/collections/I-Codes>
- Local amendments <https://library.municode.com/TX/Austin>
- UPC and UMC <http://www.iapmo.org/>
- NEC <https://www.nfpa.org/>

Please verify the following before scheduling the inspection:

302 Grounding

- The contractor or person doing the work has reviewed the approved plans and can ensure that the construction being inspected is consistent and ready for inspection.
- Job address is posted in a visible location. *(IBC section 501.2)*
- Project Engineer's grounding requirements and specifications have been verified.
- All grounding electrodes present have been determined based on the construction and plans. *(2020 NEC Art. 250.50, 250.52(A))*
- Other grounding electrodes required to be used are installed and bonded to the grounding electrode system. *(2020 NEC Art. 250.52(A) (4) thru (7))*
- Horizontal or vertical grounding electrodes have been verified present. *(2020 NEC Art. 250.50, 250.52(A)(3))*
- The size of the grounding electrode conductor has been verified. *(2020 NEC Art. 250.66)*
- The accessibility of the grounding electrode connection has been verified. *(2020 NEC Art.250.68(A))*
- Grounding electrode connections have been verified, including buried connections. *(2020 NEC Art. 250.70, 250.68, 110.3(B))*
- Grounding electrode conductor is protected, if required. *(2020 NEC Art.250.64)*
- Ferrous metal raceways or enclosures for grounding electrode conductors are bonded to the grounding electrode conductor at both ends. *(2020 NEC Art. 250.64(E))*