

Name Connor Phillips
Date 12/15/2022
Class electrical

CHAPTER 11

Grounding



Complete the following questions and problems after carefully reading the corresponding textbook chapter.

Code Article 250 1. Grounding is one of the most important facets of electrical safety for both personnel and equipment protection and can be found in the *Code*, Article ____.

Match the grounding terms with the appropriate description.

- | | | |
|----------|---|----------------------------------|
| <u>E</u> | 2. A broad term referring to the intentional act of making a permanent low-impedance electrically conductive path to the earth. | A. Grounded conductor |
| <u>D</u> | 3. A path from a circuit or equipment to the earth. | B. Grounding electrode |
| <u>G</u> | 4. Connected to the earth through a conductor, such as a driven pipe or metal pole. | C. Ground * |
| <u>A</u> | 5. A circuit conductor that serves as part of the system grounding path. | D. Grounding electrode conductor |
| <u>F</u> | 6. A conductor used to connect noncurrent-carrying metallic parts of equipment to the system grounding busbar. | E. Grounding |
| <u>B</u> | 7. A device that establishes an electrical connection to the earth. | F. Equipment grounding conductor |
| <u>C</u> | 8. The conductor used to connect the grounding electrodes to the equipment grounding conductor. | G. Grounded |

9. List the two types of grounding.

the 2 different types of grounding are, System Grounding, and Equipment Grounding.

Main Bonding Jumper. 10. ____ is the mechanical joining of metallic parts to form an electrically conductive path.

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J Dewey



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