

Exam Title: 8727210. ELECTRICITY1. GR912. FlaglerEOC

Courses Assessed by this Exam: Guided Workplace Learning

Key Vocabulary: Resistor, Volts, Amperage, Solenoid, Electrons, Protons, Neutrons, Atoms, Electrical Circuits, National Electrical Codes, Component Locators, Electrical Plans, Schematic Drawing, Symbolic Drawing, Industry Credentials, Parallel Circuit, Tolerance Range, MHD converter, Polarity,

Student Tasks:

- Identify the different colors of resistor bands
- Understand how to connect a meter.
- Describe levels of voltage & power ratings
- Explain common problems relating to resistors values
- Describe the methods of creating electricity
- Describe characteristics of future employees
- Describe proper ethics within the work environment
- Identify the chain of command in a place of business
- Describe concentration in relations to different substances
- Explain proper safety procedures
- Describe Ohm's Law
- Explain the proper steps to identify voltage drop
- Understand the National Electrical Codes
- Describe the meaning of letters and numbers on an electrical diagram