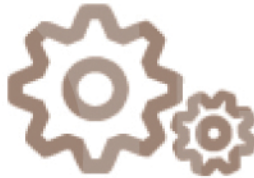


*Experienced Worker Assessment Blueprint*

*Electrical Installation (Written Only)*

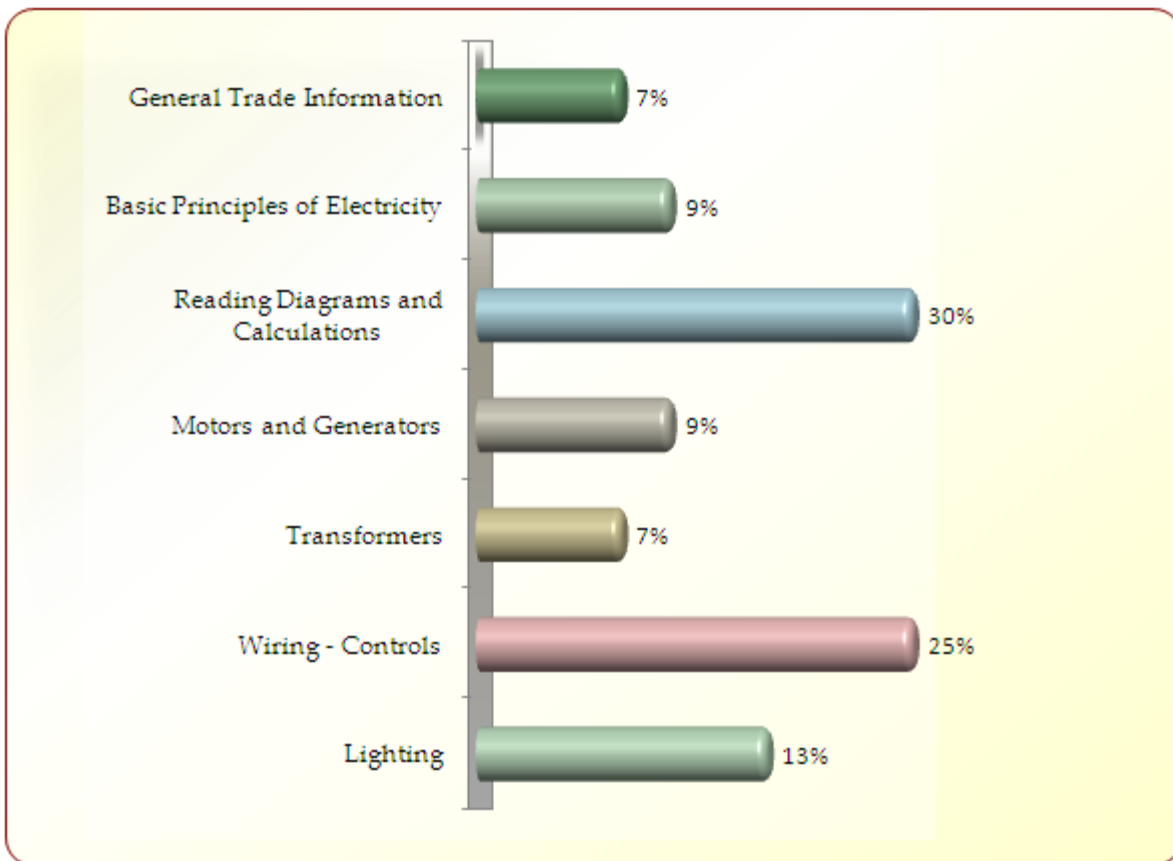


## Written Assessment:

Administration Time: 3 hours

Number of Questions: 179

### Areas Covered:



## Sample Questions:

The safe use of extension ladders requires that the bottom part is no more than \_\_\_\_\_ of the length of the ladder away from the wall.

- A. 1/8
- B. 1/4
- C. 1/2
- D. 2/3

The term "dielectric strength" would properly be used when discussing which of the groups of items below?

- A. brass, aluminum, copper, zinc
- B. gold, silver, platinum, German silver
- C. electrons, protons, neutrons
- D. mica, rubber, glass, wax

Calculate the voltage drop which would occur in 300 feet of two-wire, #6 aluminum feeder (600 feet total), supplying 35 amps to a pure resistive, 240 volt, single-phase load?

- A. 2.5
- B. 4.5
- C. 8.6
- D. 16.9

The term "accessible" as applied to wiring methods in relation to Code means

- A. within direct eyesight
- B. capable of being exposed by the use of hinges
- C. capable of being exposed or removed without damage to the building or structure
- D. capable of being reached without the use of a ladder

Standard fluorescent tubes are designated by a code consisting of a series of numbers and letters. What would be the diameter of a tube with the coding F40T12CW?

- A. 3/4 inch
- B. 1 inch
- C. 1-1/4 inches
- D. 1-1/2 inches

