

Advanced Skills Assessment Blueprint

Instrumentation and Electrician Technician

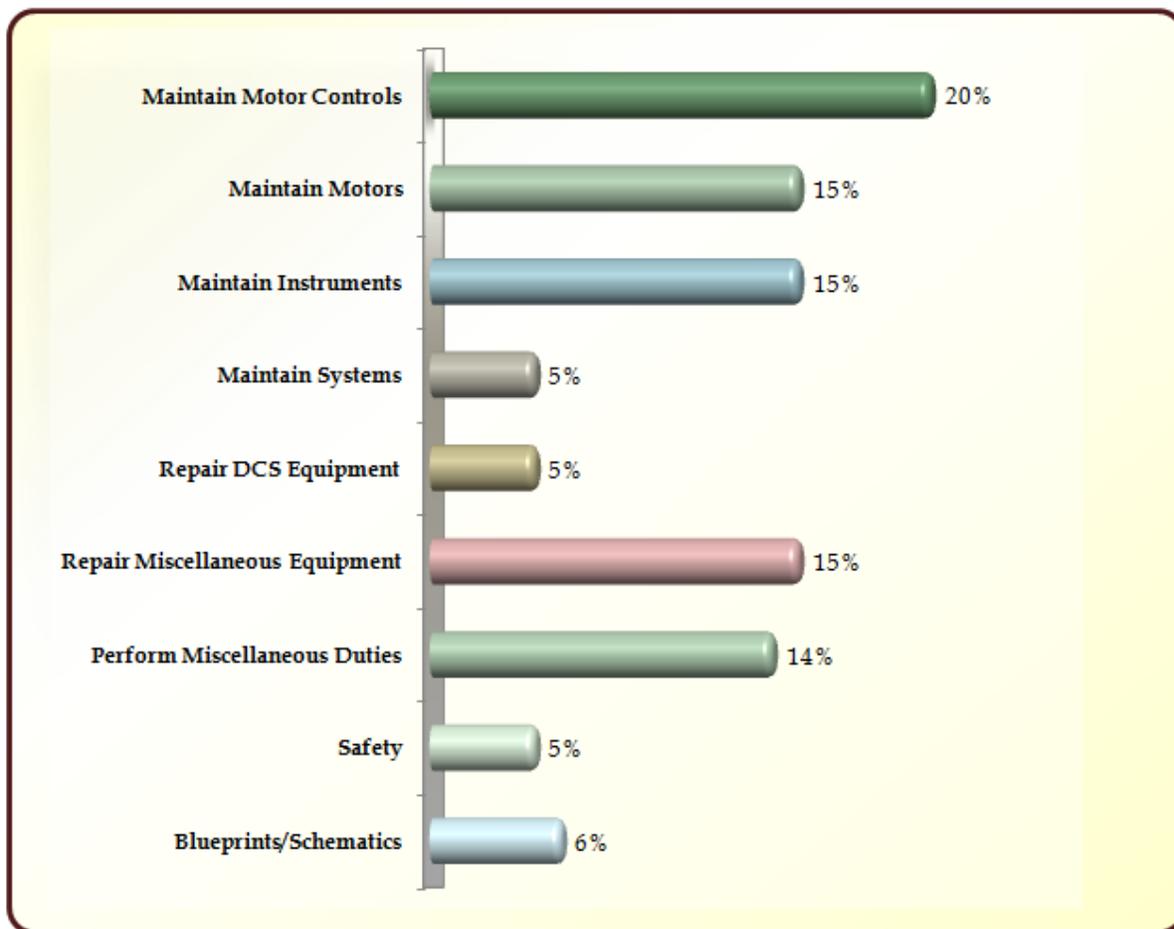


Written Assessment:

Administration Time: 3 hours

Number of Questions: 100

Areas Covered:



Sample Questions:

The only safe, reliable way to lock out a motor is by

- A. tagging every operator station in the "off" position
- B. locking out the local ON-OFF switch
- C. deactivating the control circuit
- D. interrupting the circuit at the motor disconnect

Instead of using a permanent magnet to generate the stationary magnetic field, most motors use

- A. an electro-magnetic capacitor
- B. a transformer
- C. field coils
- D. a battery

Pneumatic signals can be converted to electronic signals using a

- A. ct
- B. amp meter
- C. p/i converter
- D. square root extractor

Select a device you would use to determine hydraulic pressure

- A. pressure gauge
- B. hydraulic flowmeter
- C. multimeter
- D. flowmeter

The purpose of conforming to the National Electrical Code in wiring is to

- A. provide better lighting
- B. insure a smaller light bill
- C. make your electric motors run better
- D. insure safety in your electrical system

