Written Assessment:
Administration Time: 3 hours
Number of Questions: 100

Areas Covered:

- Maintain Motor Controllers: 20%
- Maintain Motors: 15%
- Maintain Instruments: 15%
- Maintain Systems: 5%
- Repair DCS Equipment: 5%
- Repair Miscellaneous Equipment: 15%
- Perform Miscellaneous Duties: 14%
- Safety: 5%
- Blueprints/Schematics: 6%
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