Written Assessment:
Administration Time: 3 hours
Number of Questions: 198

Areas Covered:
Sample Questions:

Rack and pinion are employed when it is necessary to change
A. variable speed to constant speed
B. circular motion to linear motion
C. circular motion to cam motion
D. cam motion to circular motion

The size of a coated electrode is determined by the
A. overall diameter
B. ampere setting
C. core diameter
D. A.W.S. classification of electrodes

If possible, lubricate a bearing while it is
A. at rest; then tighten down on the grease plug to maintain internal pressure
B. at rest; then remove the grease plug to relieve internal pressure
C. in operation; then tighten down on the grease plug to maintain internal pressure
D. in operation; then remove the grease plug to relieve internal pressure

The function of a pressure relief valve is to
A. unload the pump
B. divert the flow to the tank
C. all of the above
D. none of the above

Tension on reverse air dust collector bags is controlled by what?
A. adjustable tube sheets
B. pneumatic cylinders
C. mechanical tensioners
D. hydraulic cylinders