

Advanced Skills Assessment Blueprint

Mechanical Maintenance

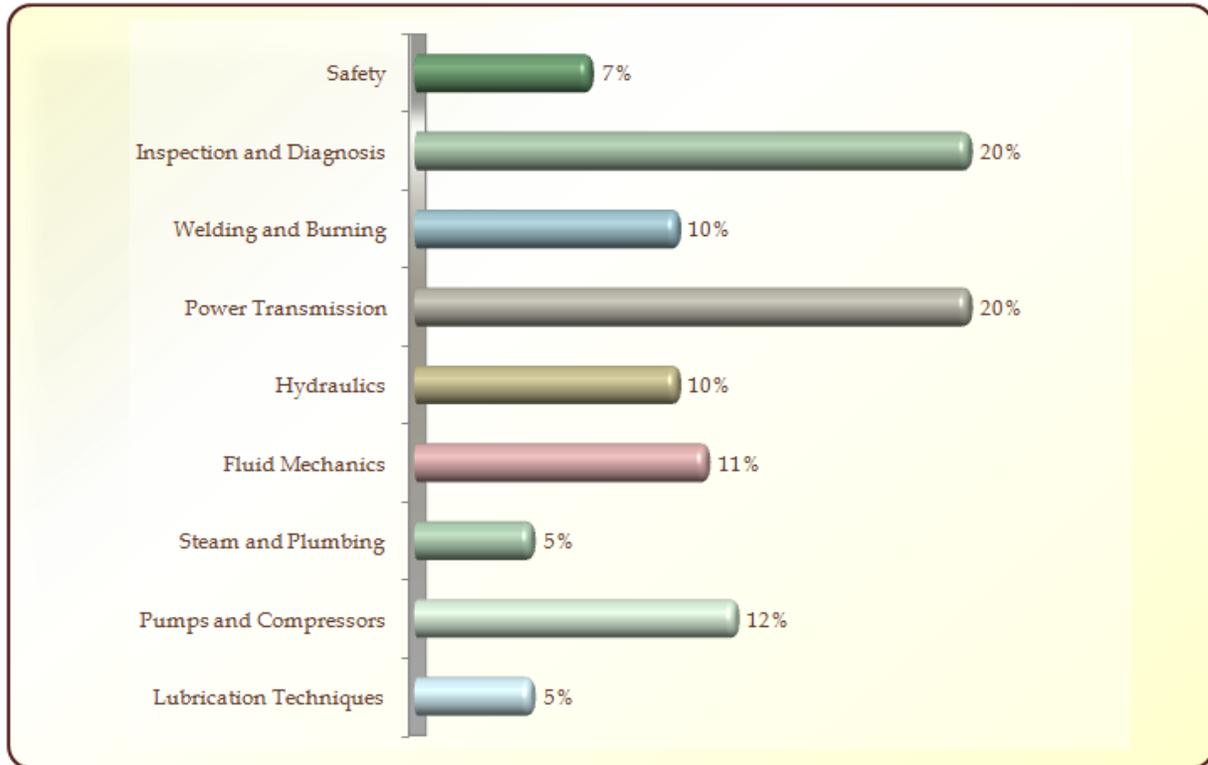


Written Assessment:

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

