

Advanced Skills Assessment Blueprint

General Technical Skills

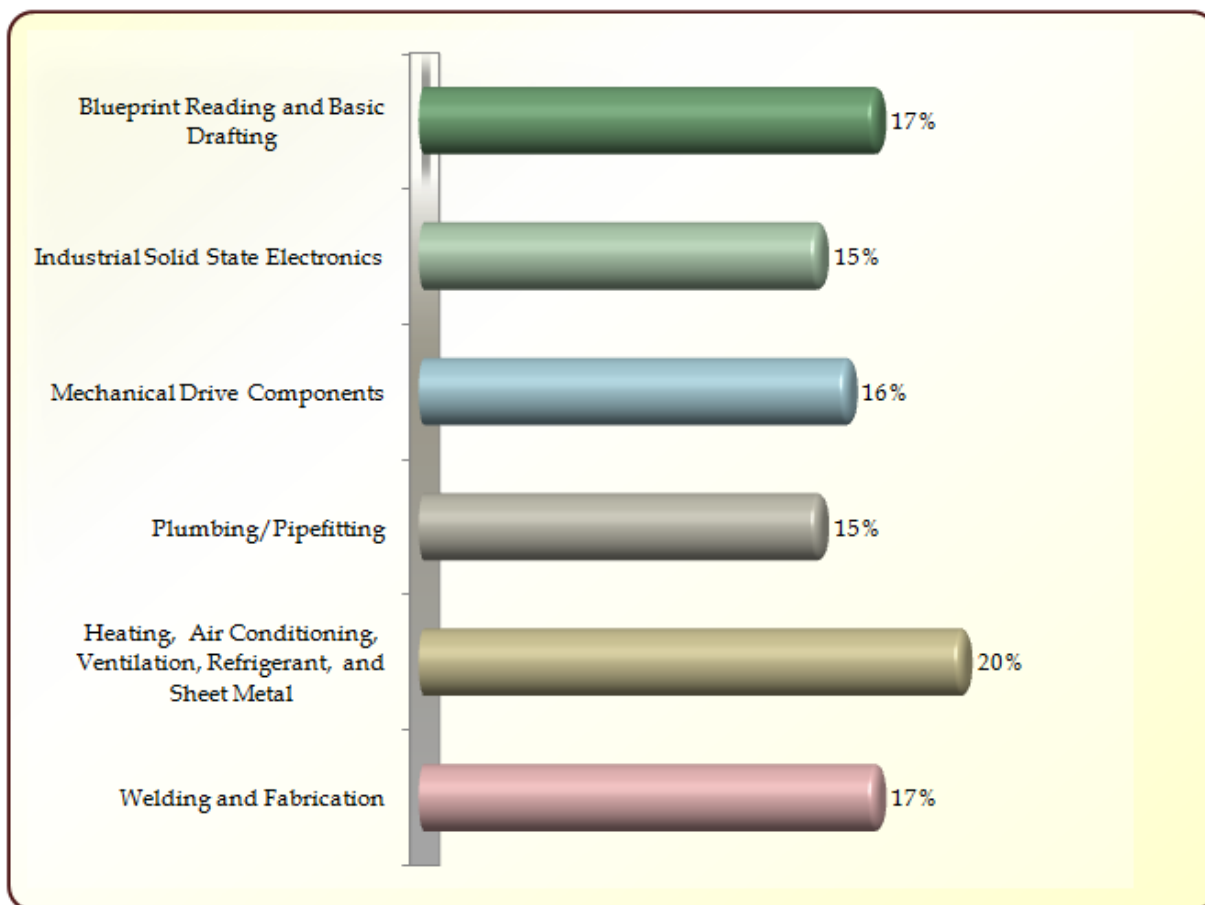


Written Assessment:

Administration Time: 3 hours

Number of Questions: 200

Areas Covered:



Sample Questions:

Half sections are primarily used

- A. like revolved sections
- B. like broken-out sections
- C. on symmetrical objects
- D. on non-symmetrical objects

To determine if a grinding wheel is cracked

- A. ring test it
- B. check it with a ring
- C. mount on a grinder having a high RPM spindle
- D. remove the blotter and check with a magnifying glass

The function of a pressure-reducing valve is to

- A. maintain a maximum pressure on the system at all times
- B. maintain a minimum pressure on the system at all times
- C. relieve pressure on the system
- D. prevent system water logging

In a gas-fired warm-air heating system, what control is used to operate the fan motor?

- A. bonnet thermostat
- B. primary control
- C. room thermostat
- D. stack thermostat

Reverse-flow check valves at either the torch inlets or regulator outlets are to

- A. prevent the mixing of oxygen and acetylene
- B. keep the hoses from working loose
- C. reduce the gas pressure
- D. prevent damage to the torch and regulator threads

