

Advanced Skills Assessment Blueprint

Manufacturing Technician

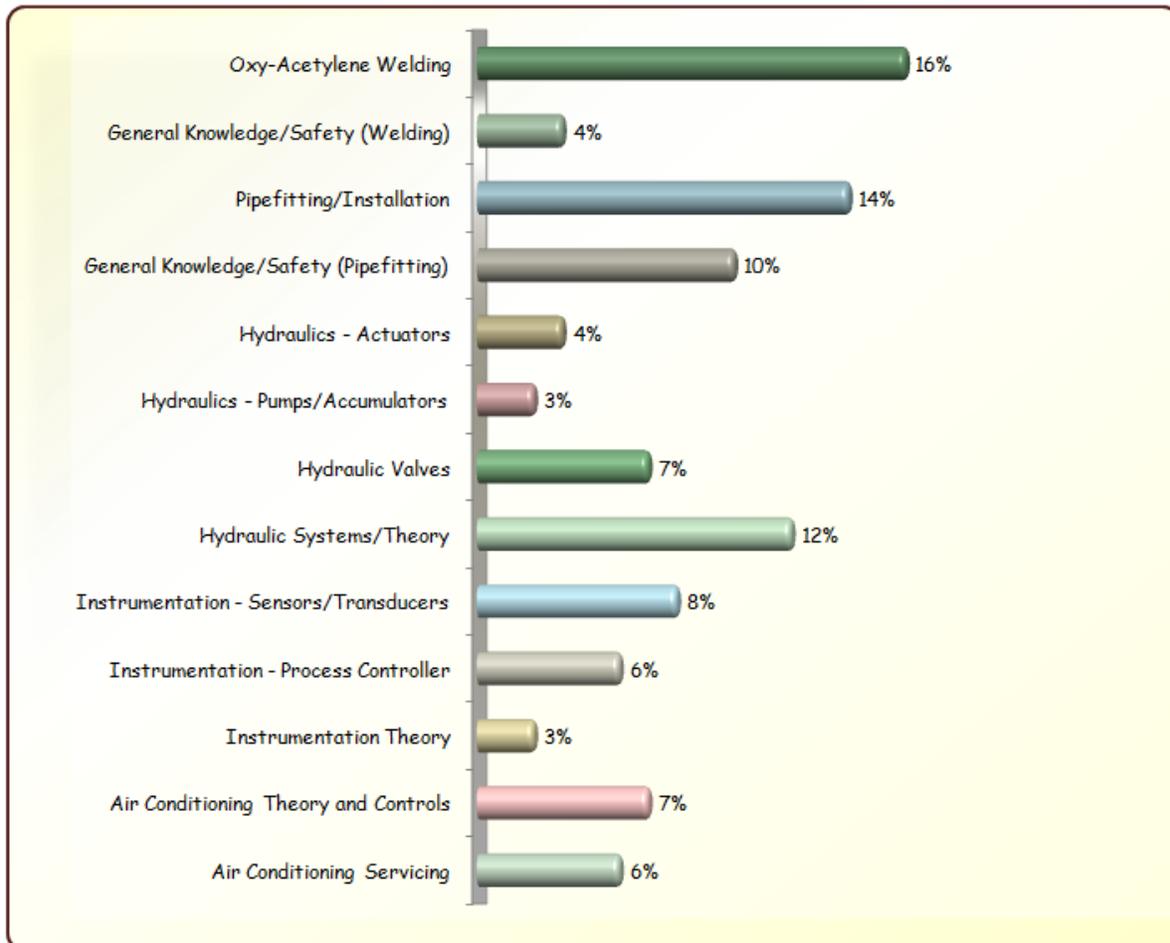


Written Assessment:

Administration Time: 3 hours

Number of Questions: 183

Areas Covered:



Sample Questions:

To insure proper installation of plastic pipe after glue is applied,

- A. insert pipe into fitting and hold
- B. insert pipe into fitting and turn $\frac{1}{4}$ turn
- C. allow glue to set first and then insert pipe into fitting
- D. insert pipe into fitting and then reglue the outside of pipe and fitting

Safety-wise, the worst thing to do when repacking a high pressure valve is

- A. not removing old packing
- B. repacking under pressure
- C. repacking with wrong material
- D. over-tightening the packing

A double-acting hydraulic cylinder

- A. exerts force in two directions at once
- B. can exert force in either direction
- C. exerts force only in one direction
- D. has a spring return

In troubleshooting a hydraulic circuit with a noisy pump, which of the following is not a likely cause of the trouble?

- A. air entering pump inlet
- B. misalignment of pump and drive unit
- C. pressure relief valve set too low
- D. dirty inlet strainer

The temperature range of a transmitter is 0-200 degrees. The output signal range is 3-15 psig. What would be the expected output signal for an input temperature of 150 degrees?

- A. 6 psig
- B. 9 psig
- C. 11.25 psig
- D. 12 psi

