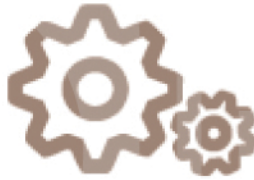


Experienced Worker Assessment Blueprint

Heavy Equipment Mechanics (Written Only)

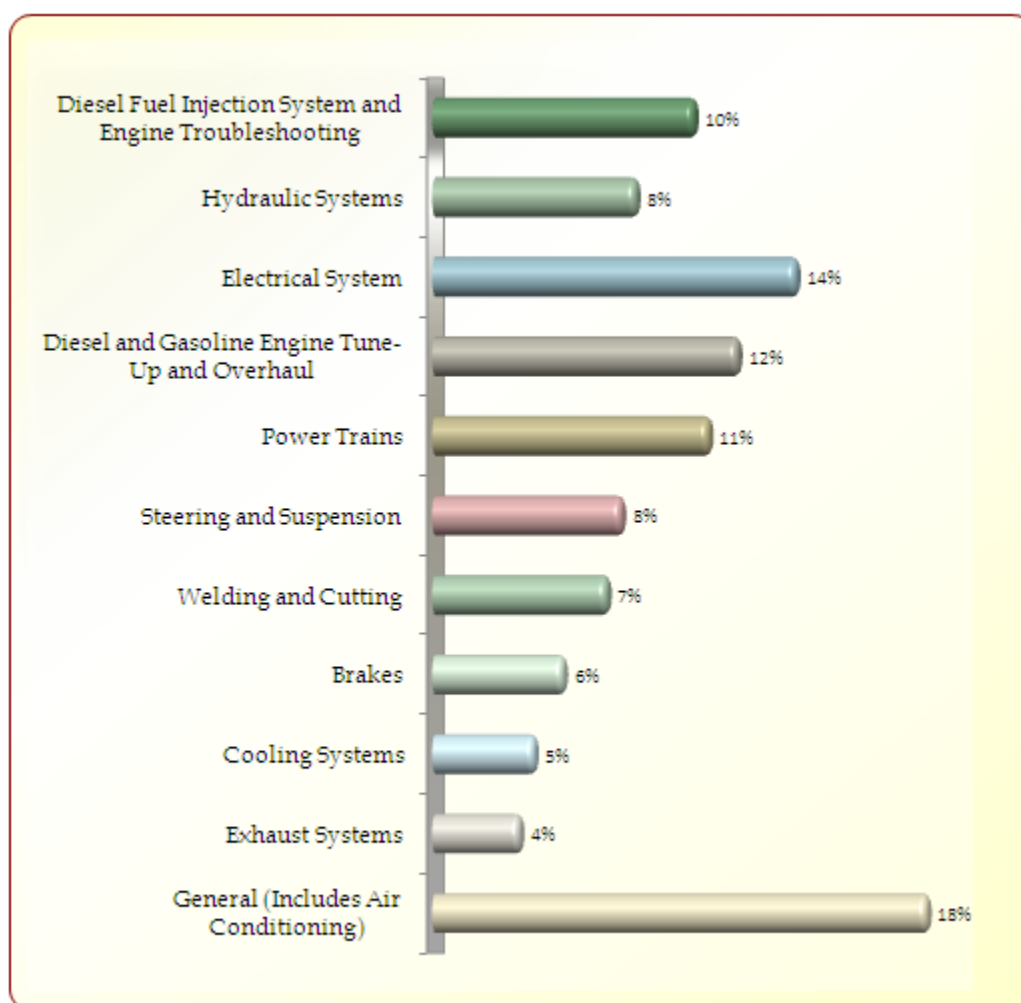


Written Assessment:

Administration Time: 3 hours

Number of Questions: 200

Areas Covered:



Sample Questions:

When there is an indication of low lubricating oil pressure, which of the following items should be checked first?

- A. worn bearings
- B. internal leaks
- C. worn or broken piston rings
- D. oil level in the engine

Contamination is the biggest enemy to a hydraulic system and it can enter the system at

- A. the time of operation in dusty conditions
- B. any time when moisture is present
- C. the time of fabrication, operation or careless service
- D. any time after the unit has been in service

The operating temperature at the top of the cylinder sleeve in a diesel engine may be as high as _____ degrees Fahrenheit.

- A. 11,000
- B. 1,100
- C. 100
- D. 10

On a self-energizing brake system, when the brakes are applied with the vehicle in forward motion, the secondary brake shoe

- A. does all of the braking
- B. tends to rotate in the direction of the brake drum
- C. has a larger amount of lining
- D. forces the primary shoe into operation

One function of the expansion valve in an air conditioning system is to control the flow of Freon into the evaporator; a second function of the valve is to

- A. return the Freon to a liquid state
- B. return the Freon to a gaseous state
- C. reduce the pressure on the Freon before it enters the evaporator
- D. increase the pressure on the Freon before it enters the evaporator