

# HYDRAULIC TECHNICIAN

Hydraulics Technicians are responsible for overseeing and implementing the installation, maintenance and repairs for the hydraulic components of equipment.

## WHAT RESPONSIBILITIES WILL I HAVE?

- Perform installation, maintenance and repair of hydraulic systems
- Read blueprints and diagrams while troubleshooting and diagnosing problems
- Perform preventative maintenance to avoid operational failures of hydraulic systems
- Welding, metal fabrication and electrical assembly
- Provide drawing review and suggestions related to part inspection and testing
- Use computers and other technologies to investigate and repair hydraulic equipment
- Reassemble machines and equipment
- Read dials and meters to determine amperage, voltage, electrical output and input at specific operating temperature to analyze parts performance
- Operate drill press, grinders, engine lathe, or other machines to modify parts tested or to fabricate experimental parts for testing



## WHAT EDUCATION & TRAINING IS REQUIRED?

High school diploma; preferably an Associate's degree in industrial equipment technologies, mechanics, precision systems service, HVAC maintenances or electronics

## THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, mathematics, chemistry, physical science, industrial technology

## TYPICAL EMPLOYERS

Farm equipment dealers and manufactures as well as some state and government agencies

## FUTURE JOB MARKET/OUTLOOK



## SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- International Fluid Power Society
- Farm Equipment Manufacturers Association

## AVERAGE ANNUAL FULL-TIME SALARY

\$43,000