

Mobile Service Technician



What They Do

Mobile Service Technicians diagnose, adjust, repair, or overhaul equipment including trucks, buses, farm machinery, construction equipment, and other heavy equipment. In addition to the diesel engine systems found on such equipment, technicians also perform these tasks on non-engine systems including transmissions & drivetrain, electrical & electronics, hydraulics & pneumatics, and air conditioning systems.

Job Duties

- Perform routine maintenance on diesel powered equipment
- Troubleshoot mechanical systems using knowledge and understanding of systems
- Diagnose systems faults using state-of-the-art diagnostic test equipment
- Perform repairs to system components
- Inspect machines for potential mechanical issues and downtime prevention
- Inspect machines for safety concerns
- Generate customer quotes based on estimated repair times and cost of parts
- Write up work order details for customers as well as manufacturer warranty claims
- Participate in continuing education/training
- Assist with normal shop cleanup and maintenance tasks
- Account for all time and materials used on each job

Job Earnings

****New York State Department of Labor**

Median Annual Salary: \$52,000
(average depending on industry)

Over-the-Road Trucks & Buses:
\$56,230/year

Agriculture Equipment: \$41,460/year

Heavy Construction Equipment:
\$57,680/year

Education/Training

Most diesel service technicians & mechanics learn on the job after a high school education, however, employers are increasingly preferring applicants who have completed postsecondary training programs in diesel engine and machinery system diagnostics and repair. In addition, industry certifications are important including ASE Automotive or EPA air conditioning certifications.

Job Outlook

In 2019, there were 535,690 diesel technicians in the U.S. with 16,900 in New York State. The anticipated growth rate for these jobs over the next 10 years is 3%.

Mobile Service Technician - Career Pathway

Ways to Start Preparing for Your Future Career TODAY!

1

Middle/High School Classes to Take:

- Shop/Tech/Mechanics
- Math
- Physics
- English
- Computer Applications

2

Clubs/Extracurricular Activities:

- Future Farmers of America (FFA) Club (www.FFA.org)
- SkillsUSA (www.SkillsUSA.org)
- GCC Tech Wars (www.TechWarsGCCNY.org)
- Young Dexter's STEAM Camp for Grades 6-8 (www.BEAGenesee.com)

3

Local BOCES/Career & Technical Education Programs:

- Genesee Valley BOCES (www.GVBOCES.org)
 - Conservation (Batavia & Mt. Morris Campuses)
 - Diesel Mechanic Program (Batavia & Mt. Morris Campuses)
- Monroe2-Orleans BOCES (www.Monroe2BOCES.org)
 - Heavy Equipment Operation & Maintenance
- Orleans-Niagara BOCES (www.ONBOCES.org)
 - Diesel Technology/Heavy Equipment

4

Local Colleges/Training:

- Colleges:
 - SUNY Alfred (www.alfredstate.edu)
 - SUNY Cobleskill (www.Cobleskill.edu)
 - SUNY Morrisville (www.Morrisville.edu)
 - Pennsylvania College of Technology (www.PCT.edu)
 - University of Northwest Ohio (www.UNOH.edu)
 - Owens Community College (www.Owens.edu)