



STUDENT ACTIVATION



Equipment Operator

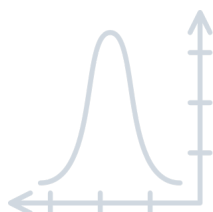
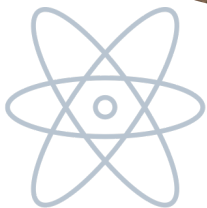
OVERVIEW

Equipment operators run a variety of vehicles and machines at oil and gas production sites and facilities, as well as other types of construction and work sites. This equipment includes common machines such as bulldozers, backhoes, and excavators that help build well pads and pipelines. They also operate specialized machines such as semitrucks, forklifts, pump trucks, and cranes for moving large items and supplies around production sites. In addition to running machines and driving vehicles, equipment operators conduct machine inspections, make repairs, and clean the equipment they operate. They collaborate with others to help determine what machines are needed to complete upcoming tasks. They closely follow safety guidelines and regulations for operating equipment and maintain accurate maintenance and repair records.



EVALUATE YOUR INTEREST

- I am fascinated by different types of machines and vehicles and enjoy thinking about how they can be used to make tasks easier.
- I am dexterous and alert. I have excellent hand-eye-foot coordination.
- I am a skilled driver. I can maneuver vehicles of different sizes in tight spaces.
- I am conscientious and prioritize my safety and the safety of others when operating a vehicle. I am willing and able to follow rules and procedures.
- I enjoy diagnosing problems and then fixing things, especially items with engines and motors.
- I am organized and able to keep accurate and detailed records.



Equipment Operator

STUDENT ACTIVATION (CONTINUED)



CAREER CONNECTION

How does this career affect me?	What are some other similar careers?	How does this career affect the world?
<p>Most of the energy you and your family and friends use for transportation, heating your home, and electricity comes from petroleum and natural gas products. Petroleum and natural gas are extracted from onshore and offshore deposits underneath the Earth's surface. Equipment operators work onsite at wells and oil and gas production facilities. They drive vehicles and operate machines that are needed to build wells and pipelines and move heavy equipment to and around these sites. Safe and effective machine operation makes oil and gas production more efficient and less costly. This keeps energy products affordable for you and other customers.</p>	<p>Delivery Truck Drivers transport resources and goods within a local area.</p> <p>Heavy and Tractor-trailer Truck Drivers transport goods and resources from one place to another.</p> <p>Railroad workers drive and coordinate trains or operate switches at rail yards.</p> <p>Water transportation workers operate and maintain vessels for transporting resources, goods, and people on the water.</p> <p>Automotive and Heavy Equipment Service Technicians and Mechanics inspect, maintain, and repair automobiles and trucks; as well as heavy equipment such as tractors, cranes, and military vehicles.</p> <p>Diesel service technicians perform maintenance on vehicles such as trucks and buses with diesel engines.</p>	<p>Nearly 70% of Americans' primary energy consumption comes from petroleum or natural gas products. The energy needs of countries such as India and China, with large populations and rapidly expanding economies, are also increasing quickly. Petroleum and natural gas are extracted from wells that provide oil and gas companies with access to deposits below the Earth's surface. Equipment operators drive vehicles and operate machines onsite at wells and oil and gas production facilities. Safe and effective machine operation makes oil and gas production safer, more efficient and less costly. This helps to ensure that energy products are affordable for consumers around the world.</p>

TAKE ACTION

- Consider attending an open house at an area vocational school to gather information about programs offered for training students to operate specialized vehicles and equipment.
- Conduct research on your state's requirements for obtaining a commercial driver's license. Gather information about your state's requirements for operating specialized equipment such as a crane.
- Consider applying for part-time employment at a local business that operates heavy or specialized equipment. Possibilities include a lumber yard or large home repair center; a warehouse or storage center; or a farm.