

Spectrum Underground, Inc.



EXCAVATION - PIPELINE - DIRECTIONAL BORING

TRUCKING, DEMOLITION, EARTHWORK, PAVING, STORM, SANITARY & WATER INSTALLATIONS

LICENSE #CG C008435

LICENSE #CU C056873

Pipe-layer Job Description

The pipe-layer, lays pipe for storm or sanitation sewers, drains and water mains.

Tasks:

- Check slopes for conformation to requirements, using levels or lasers.
- Cover pipes with earth or other materials.
- Connect pipe pieces and seal joints, using welding equipment, cement or glue.
- Cut pipes to required lengths.
- Install and repair sanitary and storm water sewer structures and pipe systems.
- Install and use instruments such as lasers, grade rods, and transit levels.
- Grade and level trench bases, using tamping machines and hand tools.
- Lay out pipe routes, follow written instructions or blueprints, and coordinate layouts with supervisors.
- Align and position pipes to prepare them for welding or sealing.
- Dig trenches to desired or required depth, by hand or using trenching tools.

Skills:

- Must be active listeners by giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate and not interrupting at inappropriate times.
- Select and use training methods and procedures appropriate for the situation when learning or teaching new things.
- Must use the skill of active learning by understanding the implications of new information for both current and future problem solving and decision making.
- Must have the skill to determine the kind of tools and equipment needed to do a job.
- Must have the ability to monitor performance of your crew members, yourself and organizations that might be taking part in the project you are working.
- Conduct tests and inspections of products, services or processes to evaluate quality or performance.
- Use mathematics to solve problems in your job function.
- Use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Must have the skill to talk to others to convey information effectively.
- Must consider the relative costs and benefits of potential actions to choose the most appropriate one.

Abilities:

- Must use hands and arms in handling, installing and positioning materials and manipulating objects.
- Work activities include running, maneuvering, navigating or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft or watercraft.
- Provide information to supervisors, co-workers and subordinates by telephone, in written form, e-mail or in person.
- Use either control mechanisms or direct physical activity to operate machines or processes not including computers or vehicles.
- Perform physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.