

WELDER

- My job requires a high school diploma and training from a technical college, union apprenticeship, or other post-secondary program.
- I must obtain a security clearance and pass a background check.
- My job may have me working under water.
- Knowing the properties of different metals and materials is important to do my job well.
- I read blueprints and other construction documents regularly.
- I can take a hint – I can easily put two and two together!

MECHANICAL ENGINEER

- My job requires a bachelor's degree for entry level positions. Additional engineering experience, internships, and certifications in engineering, power plant systems and performance can be helpful.
- Before working in the field, I need to pass background checks and other tests to enable me to have access to the facility.
- I play a role in designing, developing, and maintaining pressure vessels, pipes, heat exchangers, and pumps.
- My job requires that I am comfortable with computer-aided design (CAD) and simulation software programs.
- My job requires that I am good at identifying potential hazards and risks and propose safety solutions and measures to ensure that systems comply with all industry standards and procedures.
- People say those in my career are so focused, we are like machines!

COMMERCIAL (NUCLEAR) DIVER

- My job requires a high school diploma and very specialized training programs and certifications.
- I may be responsible for inspection, maintenance, restoration and repair, fuel assembly installation and removal, and even decommissioning equipment.
- My job can expose me to very hazardous scenarios, and I must be very safety and detail oriented.
- I must be able to complete construction and inspection tasks in tight spaces, under pressure, and under time constraints.
- I must be able to move and carry heavy equipment above ground and under water.
- I may be skilled at welding and construction, but the sea-saw is my favorite tool.

SAFETY COORDINATOR & INSPECTOR

- My job most often requires a bachelor's degree. However, a technical degree and related experience can meet the requirements.
- My job requires me to have an understanding of many different types of jobs and systems in a facility.
- I work closely with management to analyze performance, and operations to make plans for improvements.
- One important part of my job is conducting field observations of my coworkers.
- I must possess strong communication skills and be good at motivating others.
- You won't find me without my PPE (personal protective equipment). Safety is always first!

ELECTRICIAN

- My job requires a high school diploma plus training at a technical college or within an apprenticeship. Many locations require people in my job to be licensed and meet specified standards guidelines for safety.
- I perform maintenance and repair for plant equipment.
- I must be able to troubleshoot, test, and inspect systems in a highly skilled manner.
- I work closely with engineers to make sure plans are followed and evaluated to minimize downtime and safety concerns.
- I need to be able to quickly address and respond to emergency situations to prevent damage to the facility.
- My calendar is always up-to-date because I like to stay current.

NUCLEAR EQUIPMENT OPERATOR

- My job requires a high school diploma, in addition to some college course work, power plant work experience, or Navy nuclear training.
- In this position, I work hands-on with a team of licensed staff and can gain licensing required to eventually become a reactor operator.
- I monitor, control, and start/stop to nuclear equipment from the control room.
- I must participate in emergency planning and response and be part of the fire brigade if necessary.
- I must keep lots of logs and have good communication skills.
- Press "0" to speak with me about the plant equipment!

PIPEFITTER

- My job title requires a high school diploma and an apprenticeship or certification.
- I work with a team to plan for a pipe system layout, installation, or repair of pipeline systems that move water, steam, petroleum products, or gases.
- I work with plumbers, welders, and steamfitters to assemble, install, and repair the pipe system.
- I study plans, inspect structures, and test systems using gauges, tests, and other tools.
- I use a variety of power and hand tools, and my job is sometimes physically demanding.
- I sometimes hang out where there's not much elbow room.

NUCLEAR ENGINEER

- My job requires a bachelor's degree. Graduate degrees and professional certifications are preferred and required in some positions.
- I provide guidance and create plans for operation, maintenance, and long-term use of plant equipment to ensure it performs reliably and efficiently.
- I sometimes work to investigate and test components in the facility and report results to other teams and regulators.
- I recommend equipment and new protocols to improve performance, reduce costs, or correct flaws.
- To do my job well, I need to be able to work on projects with others and to manage multiple tasks in one day. Time management and organization are critical.
- People say I'm organized and good at problem solving, but I'm not fission for compliments!

HEALTH PHYSICIST

- My job requires a bachelor's degree, though many have a master's degree and/or special certifications.
- I work in offices, laboratories, or in power plant facilities.
- I monitor radiation levels of facilities, equipment, and the people who work in a nuclear facility.
- I work with a team to plan and develop protection programs and procedures for the company.
- I must review and evaluate data and report information to important regulatory agencies to make sure the facility is meeting standards.
- I radiate positive energy.

REACTOR OPERATOR

- My job requires a high school diploma in addition to licensing training and months to years of experience.
- Before working, I must pass several employment tests, a physical examination, and must regularly be reexamined to continue working.
- I ensure the facility is operated in a safe, efficient, and conservative manner at all times, based upon established levels of operation and notify my supervisor if any thing unusual or unexpected is occurring.
- I must be aware of what other workers are doing at all times and use effective communication skills.
- I have to keep detailed logs of daily activities during my shift.
- I often have to be on-call and ready for emergencies or work on holidays.
- My job makes sure you have the power!