

CHEMICAL PLANT SYSTEMS OPERATORS

COLLEGE & CAREER PATHWAYS | ENERGY

JOB DESCRIPTION

Chemical plant operators oversee the entire production process of a given facility. They manage both the workers and the equipment within their plant. Their goal is to ensure that the production process runs safely and smoothly and that the plant produces quality results. They coordinate with technical and supervisory workers to get all plant workers on the same page.



MEDIAN HOURLY EARNING

\$33.30

WHERE CAN I PURSUE ALIGNED TRAINING?

ON THE JOB TRAINING

WHAT SKILLS & TRAINING ARE NEEDED?

FOUNDATIONAL SKILLS:

- **Production and Processing:** Plant system operators should have knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
- **Chemistry:** A basic background in chemistry is critical to the success of this role. Individuals should have some knowledge of chemical composition, structure, and properties of substances and of the chemical processes and transformations that they undergo. This includes danger signs, production techniques, and disposal methods.
- **Mechanical:** Plant operators must have knowledge of machines and tools, including their designs, uses, repair, and maintenance.
- **Public Safety and Security:** Chemical plants require strong knowledge of relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property, and institutions.

TRAINING: Chemical Plant Systems Operators typically work their way up to their position by gaining significant work experience, as well as technical training in the production process. Many employers provide formal training to their workers.

HOW DO I KNOW IF THIS IS A GOOD FIT FOR ME?

- You like observing with gauges and dials
- You enjoy conducting tests and inspections to evaluate quality
- You adjust course based on personal or external feedback
- You give 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

Presented by

