

Chemical Technologists and Technicians

Chemical Technologists and Technicians assist in the development, testing, and production of chemical products and processes. They work in laboratories and industrial settings to ensure that chemical operations run safely, efficiently, and according to quality standards. Their role supports research, manufacturing, and quality control in chemical, pharmaceutical, and related industries.

Duties and Responsibilities (Points):

- Conduct laboratory experiments and chemical tests
- Prepare chemical solutions, reagents, and samples for analysis
- Monitor and control industrial chemical processes
- Record, analyze, and interpret data from experiments and production
- Ensure safety, health, and environmental compliance in chemical handling
- Maintain and calibrate laboratory and process equipment
- Assist in research and development of new chemical products
- Perform quality control and troubleshoot production issues
- Prepare technical reports and maintain detailed records
- Collaborate with engineers, scientists, and production teams