



STEM Careers

Occupational Health and Safety Technician or Specialist

Job Description: Collects, reviews, and analyzes data from the evaluation of work environments to control, eliminate, and prevent disease or injury caused by chemical, physical, and biological agents. Specialists and Technicians work together in conducting inspections and enforcing health and safety regulations to maintain safe work environments.

What does an Occupational Health and Safety Technician/Specialist do?

- Test workplaces for environmental hazards and recommend measures for protection
- Inspect work environment, equipment, and practices to ensure compliance with safety regulations
- Train and educate workers on safety measures and emergency response plans
- Review records and reports of previous worker accidents and what caused them
- Prepare documents for legal proceedings, testifying if necessary
- Collect data and material related to human health risks

Your Interests:

- Do you work well with others?
- Are you interested in safety regulations?
- Do you want to reduce hazardous conditions within the workplace?

Outlook:

Technician:

Average Salary - \$24.58 hourly, \$51,120 annually

Projected Job Openings - 1,800 over the next 10 years

Specialist:

Average Salary - \$37.29 hourly, \$77,560 annually

Projected Job Openings - 7,800 over the next 10 years

Education/Program of Study:

- Most entry level positions require a bachelor's degree.
 - Possible degree paths include occupational health, safety, chemistry, engineering, and other related fields.

Sources:

<https://www.onetonline.org/link/summary/19-5012.00>

<https://www.onetonline.org/link/summary/19-5011.00>