



ENVIRONMENTAL, HEALTH & SAFETY

Fundamentals of Industrial Hygiene (FIH)

INTERNATIONAL

Protecting workplaces against physical, ergonomic and biological hazards

Complete the Fundamentals of Industrial Hygiene (FIH) course to understand the concepts of anticipation, recognition, evaluation and control of health risks your employees may face including noise, vapors, dusts and ergonomic challenges. FIH is a comprehensive overview of 15 industrial hygiene topics.

FIH covers the principles, terminology and practices of industrial hygiene in terms anyone can understand. You'll be brought up to speed on anatomy and physiology as well as chemical, physical, ergonomic and biological hazards. You'll be involved in case studies, interactive discussions and hands-on equipment demonstrations.

What you will learn

- How to distinguish chemical, physical, ergonomic and biological hazards
- How to conduct an industrial hygiene needs analysis
- When to use a qualified/certified industrial hygienist
- Basic anatomy and physiology associated with routes of entry and toxicology
- Hazard evaluation techniques
- Emerging trends in combustible dust, hexavalent chromium, flavorings-related lung disease, bioterrorism, nanotechnology and pandemic influenza
- General engineering and administrative controls
- How to use essential monitoring equipment

Course description

This 5-day course is for safety, health or environmental managers with industrial hygiene responsibilities, and limited experience or training. Students learn to use tools and techniques to create a healthy, hazard-free workplace and meet government standards.

Course materials

- *Fundamentals of Industrial Hygiene*, 5th Edition Hardcover Text
- *NIOSH Pocket Guide to Chemical Hazards*
- Participant Guide
- Tools and Resources CD
- *Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices Guide*

4 days, 2.6 CEUs*

Who would benefit

Safety and health managers, coordinators, specialists and other full-time safety and health practitioners; safety committee members; operations managers; loss control managers; human resources professionals; and anyone with safety and health responsibilities.

***Note to ASC candidates:** Complete the Principles of Safety and Health (POSH) course and earn your Certificate in Principles of Safety. An additional 5.2 hours of CEUs must also be completed to earn your Advanced Safety Certificate (ASC). Please note that all ASC requirements must be completed within five years of the completion of the first course.

†Continuing Education Unit

A Continuing Education Unit (CEU) is a measure of participation in a recognized continuing education program with qualified instruction and sponsorship. CEU records are widely used to provide evidence of completion of continuing education requirements mandated by certification bodies, professional societies or government licensing boards.



Learn to anticipate, recognize, evaluate and control hazards in your workplace.

This course counts toward your Advanced Safety Certificate

Contact NSC at **+1 (630) 775-2056** or visit **nsc.org/international** for more details.



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