



OSHA: INTRODUCTION TO INDUSTRIAL HYGIENE



Course Information

Course Name	OSHA: Introduction to Industrial Hygiene
Course Designer	World Wide Industrial and Systems Engineers
Course Category	Hazard Communication
Course Duration	45 minutes

Course Overview

Discover the critical role that industrial hygiene plays in protecting workers with this training course focusing on OSHA guidelines designed to help anticipate, recognize, evaluate and control workplace hazards. We provide a thorough overview of industrial hygiene, including its history and surrounding OSHA standards. We also outline the role of industrial hygienists in evaluating potential safety threats and examine the risks posed by air contaminants, chemical hazards, biological hazards, physical hazards and ergonomic hazards. The 45-minute course features informative videos, interactive exercises, in-line quizzes, flash cards, fun activities, glossary terms, downloadable reference documents and a final exam, for an engaging take on industrial hygiene concepts. This course is part of the OSHA General Industry series, offering a wide selection of lessons focused on employer training requirements.

OSHA: Introduction to Industrial Hygiene

Who should attend?	• Project Managers • Team Leaders and Supervisors • Warehouse Managers • Health and Safety Representatives
Course Objectives	By the end of the course, the learner will be able to: • state the importance and use of an effective industrial hygiene monitoring program • list the steps involved in the industrial hygiene monitoring process • list the different roles of different individuals and organizations involved in the industrial hygiene monitoring process • gain knowledge of the types of hazards mitigated by industrial hygiene • gain knowledge of how contaminants enter the body • recognize air contaminants • know the important role in your health and safety on the job. • identify and evaluate workplace health hazards, we can control them to prevent injuries and illness.
Benefits	• Ensure a safe working environment by applying OSHA industrial hygiene concepts • Prevent injuries and health risks by recognizing common workplace hazards

Course Content

Course Modules	1. Introduction 2. History of Industrial Hygiene 3. OSHA Requirements and the Industrial Hygienist 4. Worksite Analysis 5. Recognising and Controlling Hazards 6. Air Contaminants 7. Chemical Hazards 8. Biological Hazards 9. Physical Hazards 10. Ergonomic Hazards
Certification	• Certificate of competence • Certificate of attendance

Assessments

- If applicable, an assessment at the end of the course will be required.
- A minimum of 60% is to be achieved to attain a Competence Certificate.
- If you achieve lower than 60% but get between 40 – 59% a second attempt will become available.
- If you get lower than 40% and fail the second attempt, you will need to re-purchase the course.
- If applicable, an attendance certificate is awarded to you

About WWiSE

Who are we?

World Wide Industrial & Systems Engineers (WWiSE) is an ISO consultancy, training, business solutions and systems implementation firm based in Southern Africa that provides clients with effective business processes and Safety, Health, Environmental, Risk and Quality (SHERQ) management solutions in preparation for ISO compliance. The solutions we provide and implement allow our clients to compete favourably in modern competitive business environments, locally and internationally. We also strive to be the leading training providers in SHEQ, ISO, Engineering, Finance, Business and Project Management.

What do we do?

Our services are aimed at the improvement of quality, efficiency, knowledge and competitiveness of client companies. The service range includes:

- ISO and SHERQ Systems implementation services whereby we assist client companies in meeting the requirements of ISO 9001, 14001, 22000, 31000, 27001, 20000-1, 50001, 22301 and 45001 standards.
- Integrated Management Systems development whereby we integrate several business systems and environmental, quality management solutions into a single management system to comply with various environmental, quality and safety standards.
- Training of all employees (Shop Floor to Executive Management) in the fields of SHERQ, Engineering, Finance,

Business and Project Management to meet the job responsibilities and expertise requirements of the International Standards.

- ISO and Legal auditing which includes gap analysis audits, product, process, procedural, and systems auditing by our registered SAATCA auditors.
- Customised web-based solutions integrating current systems to be in line with ISO requirements

We are a Level 1 BBBEE Contributor that specialises in systems development, consultancy, training and auditing