Course Name

PRINCIPLES OF OCCUPATIONAL HYGIENE AND TOXICOLOGY

This Course Focuses On An Understanding Occupational Hygiene, And How This Area Affects The Health And Well-Being Of Employees And Contractors Who Are Exposed To Health Hazards In The Workplace.
Few Words About Boost

Our solutions are fully customized and designed based on the needs of our clients.

VISION
“The only thing worse than being blind is having sight but no vision.”
To be recognized as the partners first choice in the field of Learning and Development locally and globally.

MISSION
Enable our partners achieving their objectives by designing innovative learning and development solutions which will boost people performance and business results as well.

VALUES
Driven by five core values which will form the basis for every decision...
✓ Result Orientation
✓ Partners’ Success
✓ Passion
✓ Commitment
✓ Innovation

Why Us?

01 Interactive Engaging Courses
02 Recognized Certificates
03 Wide Range Of Training Subjects
04 Global Training Centers
05 In-House & Customized Courses
06 Internationally Certified Instructors
07 Advanced Reporting System

SUSTAINABLE SUCCESS

Ever since the firm was founded, Excellence, in one form or another, was part of its credo. The prospect of doing a good job might help a company climb the success ladder but it won’t keep the company ‘up there’.

10,000 People Trained a Year, with 98% Satisfaction Rating

Our talented team of international instructors have exceptional credentials complemented by practical, real-world experience.
COURSE INTRODUCTION

PRINCIPLES OF OCCUPATIONAL HYGIENE AND TOXICOLOGY

The Health Of The Workforce Is Vital To The Performance Of The Organisation. This Course Focuses On An Understanding Occupational Hygiene, And How This Area Affects The Health And Well-Being Of Employees And Contractors Who Are Exposed To Health Hazards In The Workplace. Occupational Hygiene Programs Play A Vital Role In Helping An Organisation Care For And Understand The Occupational Health Risks To Their Employees, Enabling Them To Protect Them And, To Subsequently Reduce Sickness Absence Levels And Optimize Employee Performance.

Occupational Hygiene And Toxicology Are Vital Component Of An Organisation’s Health And Safety Management System For The Effective Management Of Operational Risks. The Purpose Of This Course Is To Provide Delegates With The Knowledge And Understanding Of Occupational Health Issues And Their Solutions.

OBJECTIVES

BY THE END OF THIS TRAINING COURSE, PARTICIPANTS WILL BE ABLE TO:
✓ Understand the aspects of industrial hygiene and occupational health
✓ Appreciate the difference between Health and Safety
✓ Understand how work can make workers ill and what you can do to change this
✓ Implement occupational health management and surveillance procedures
✓ Identify occupational health issues and the relevant risk reduction solutions

TRAINING METHODOLOGY

This Training Course Will Utilize A Variety Of Proven Adult Learning Techniques To Ensure Maximum Understanding, Comprehension And Retention Of The Information Presented. Delegates Will Take Part In Topic Exercises, Case Studies And The Practical Training. This Includes:
✓ Groups Discussions
✓ Syndicate Exercises
✓ Case Studies
✓ Tutor Lead Discussions
INTRODUCTION TO OCCUPATIONAL HYGIENE AND TOXICOLOGY

- What is Occupational hygiene and Toxicology?
- The Health aspect of Health and Safety: Identifying health risks to employees and contractors
- Understanding health risk effects on the human body and its organs
- Global strategies and trends
- Syndicate Session: Asbestos and other problems
- Work organisation, work-related stress and well-being
- Thinking about the Culture of the organisation

ORGAN STRUCTURE AND FUNCTION

- Every breath you take: The lungs and respiratory ill health
- Syndicate Session: Respiratory ill health and silica
- Effects of inhaled materials
- Skin deep: Dermatitis and other issues
- Effects of physical agents on major organs
- Biological agents and their effects
- Occupational Health and Corporate Culture – do you care?

OCCUPATIONAL HEALTH RISKS

- Occupational health elements and their health risk effects
- Occupational diseases and infections
- Occupational toxicology (chemicals, gases, vapours and fibres)
- Consideration of COSHH
- Syndicate exercise: Reviewing Controls and staying up to date (e.g. Welding)
- Musculoskeletal disorders and prevention solutions
- Health effects of light, heat, noise, vibration, pressure and radiation
- Syndicate Session
# Course Outline

## PRINCIPLES OF OCCUPATIONAL HYGIENE AND TOXICOLOGY

### Day 4

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<th>Topic</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>PRINCIPLES OF OCCUPATIONAL HYGIENE</strong></td>
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<tr>
<td>✓ Principles of (Health) Risk Assessment</td>
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<td>✓ Syndicate exercise</td>
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<td>✓ Design of exposure measurement surveys and analysis</td>
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<td>✓ Retrospective exposure assessment</td>
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<td>✓ Biological monitoring</td>
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<td>✓ Sampling methods for gases, vapours and aerosols</td>
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<td>✓ Dermal exposure assessment</td>
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### Day 5

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<thead>
<tr>
<th>Topic</th>
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<tbody>
<tr>
<td><strong>OCCUPATIONAL HEALTH MANAGEMENT</strong></td>
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<tr>
<td>✓ Occupational health monitoring and surveillance programs</td>
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<td>✓ Noise, vibration, thermal and lighting management</td>
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<td>✓ Personal protective equipment and its limitations in protecting health</td>
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<td>✓ Understanding Global, Regional and Local Environmental Issues</td>
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<td>✓ Implement an occupational health management program</td>
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<td>✓ Occupational Health and Corporate Culture</td>
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<tr>
<td>✓ Summary of Course Key Points</td>
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Course Name

PRINCIPLES OF OCCUPATIONAL HYGIENE AND TOXICOLOGY

THANK YOU

For any clarification or information. Please do not hesitate to contact us
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