



# Master Class in Health and Safety

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( 5 Days Training Course )



## Why Choose this Training Course?

All organisations invest considerable amounts in training and guiding their Team Leaders, Managers, Engineers and Supervisors on new methods of leaner and higher efficiency production methods. Incidents however keep occurring resulting in human harm and financial loss.

Master Class in Health Safety training course aims at rectifying the loss cycle by attaining superior competencies in the areas of Health and Safety. This 10-day Master Class training course provides a valuable understanding to Health and Safety and is a serious step towards developing competencies that will enable further progression in these fields. The increased competencies of the delegates will result in cost savings and increased efficiencies within the company. The training course covers Safety Management, Hazard Control and Process Safety Management.

This training course will feature:

- Management Systems and the role of risk management
- Occupational Health and the importance of safety management
- Process safety and legislation that is applicable to the industry
- Systems to prevent loss of containment
- Hazards and controls available for the oil and gas industry
- Emergency Preparedness

This comprehensive course consists of two modules which can be booked as a 10 Day Training event, or as individual 5 Day courses.

Module 1 – Safety Measures and Hazard Control

Module 2 – Perfecting Process Safety

This Master Class training course on Health and Safety aims to help delegates achieve the following objectives:

- Understand Safety Management
- Explain the Risk Assessment process
- Analyse workplace hazards
- Identify methods of Hazard Control
- Explain the foundations of process safety
- Describe the systems to prevent loss of containment
- Analyse common risks and controls in the process safety industry
- Understand Furnace operations
- Appreciate Start Up and Shutdown Hazards
- Summarise safe entry procedures in confined spaces
- Create Emergency response strategies

Who is this Training course for?

This Health and Safety training course is ideal for those working in the Process Industry such as Oil & Gas, Chemicals and Petrochemicals. It is aimed at professionals, who have responsibilities for health and safety and require superior competence in this field, including but not limited to:

- Process Managers
- Process Engineers
- Team Leaders/Supervisors
- Maintenance Engineers
- Health and Safety personnel

## Course Outline

### Module 1: Safety Measures and Hazard Control

#### Day One – Safety Management Foundations

The nature of workplace health and safety  
Responsibilities of Employers and Employees  
Safety Management Systems (Plan, Do, Check, Act)  
OHSAS 18001, ISO 45001, OSHA Guidelines for Safety Management  
Improving health and safety performance  
A Safety Policy  
Inspections & Audits

#### Day Two – Risk assessment and control

Setting Targets - Key Performance indicators  
Health and safety risk assessment  
General principles for control  
Hierarchy of risk reduction  
Safe systems of work  
Human Error  
Case Study

#### Day Three: Hazards and controls

Physical Hazards (Noise, Vibration)  
Electricity Hazards  
Work Equipment Hazards  
Manual Handling Hazards  
Workplace hazards (Temperature, Violence and Bullying, Slips and Trips, Work at Height)  
Transport Hazards

#### Day Four: Incident Investigation, Fire and Emergency procedures

Incident Investigation  
Why investigate Incidents  
When to investigate Incidents  
Fire safety  
Need for Emergency plans  
First Aid Provisions

#### Day Five: Occupational Health (HazCom) & Safety Culture

Chemical Hazards  
Occupational exposure limits  
Stress  
Safety Culture  
Review of the Week  
Evaluation

## Course Outline

### **Module 2: Perfecting Process Safety**

#### **Day Six: The foundations of process safety**

Introduction  
Learning from Accidents  
Good Practice Standards for the process industry (EU and USA)  
Permit-to-work system  
Case Study  
Shift handover the key principles

#### **Day Seven: Risk Management and Management of Change**

Risk Management  
The Swiss Cheese Model  
HAZOP Studies  
Inherent Safer Design  
Case Study  
Management of Change  
Case Study

#### **Day Eight: Combustion and Confined Space Entry**

Furnace operations  
Firing conditions  
Confined Space Entry  
Cleaning, Isolating and Atmospheric Testing  
Training  
Case Study

#### **Day Nine: Start Up, Shutdown, Hydrocarbon Storage & Types of Fire & Explosions**

Start Up & Shutdown  
Storage Depots – Bund Areas  
Safety Instrumented Systems  
Case Study  
Types of Fire & Explosions – VCE, UVCE, BLEVE, Boil Over  
Case Study

#### **Day Ten: Fire and Emergency Response**

Passive and Active Fire Protection  
Case Study  
Emergency Response  
Review of the Week  
Evaluation

**informatech™** is a global leadership consultancy that aligns people, purpose & strategy – driving socially responsible transformation in global organisations. Our international network includes 215 partners, consultants, and coaches in 24 countries throughout Europe, North America, Latin America, Asia, and Africa. We transform leaders, align teams and create fierce resolve and passion to win.

Typical interventions are to accelerate performance, execute strategy and embed capability and change. Our programmes are part of the core curriculum in many of our client's corporate universities, and our leadership development programmes have over 300,000 executive alumni. Methodologies are based on more than 100 corporate turnarounds and performance acceleration assignments in FTSE 100 and Fortune 500 companies. Austria, Belgium, Brazil, Canada, China, Colombia, Denmark, Finland, France, Germany, Italy, Mexico, Norway, Poland, Portugal, Russia, Serbia, South Africa, Spain, Sweden, The Netherlands, UK, Uruguay, and the USA.



**informatech™**

63-66 Hatton Garden Hatton Garden  
EC1N 8LE ,  
London , United Kingdom  
Phone: +44(203)2399994  
Phone : +44(203)82426729

Email: [info@informatech.co.uk](mailto:info@informatech.co.uk)



[www.informatech.co.uk](http://www.informatech.co.uk)

**informatech** B.V.

Netherlands Branch Open Now

Address : Waarderweg 50-D Haarlem  
2031BP  
Phone : +31(20)2202118

Email : [Netherlands@informatech.co.uk](mailto:Netherlands@informatech.co.uk)

# Registration Form

## THREE WAYS TO REGISTER

- +44 (203) 2399994
- www.informatech.co.uk
- info@informatech.co.uk

### Course / Seminar Title

| Venue / Hotel | Date         | Fees     |
|---------------|--------------|----------|
|               | From / / 201 | € - Euro |
|               | To / / 201   | +20% VAT |

Course fees include documentation, luncheon and refreshments. Delegates who attend all sessions and successfully complete the course assessment will receive an Informatech London Certificate of Completion.

All registrations are subject to our terms and conditions which are available at <http://informatech.co.uk/terms.aspx>. Please read them as they include important information. By submitting your registration you agree to be bound by the terms and conditions in full.

#### Payment Method

- Bank Transfer \*
- Credit Card Payment

## DELEGATE DETAILS

First Name : \_\_\_\_\_ Last Name : \_\_\_\_\_

Your name as will appear in attending certificate

Telephone No. : \_\_\_\_\_ Mobile No. : \_\_\_\_\_

Kindly Provide us International Roaming mobile number

Email Address : \_\_\_\_\_

Kindly write valid email address to send your e-learning materials

Company Name : \_\_\_\_\_

Country : \_\_\_\_\_ City : \_\_\_\_\_ Post Code : \_\_\_\_\_

if it is apply



We highly recommend you secure your room reservation at the earliest to avoid last minute inconvenience.

You can contact the Hospitality Desk for assistance on Email: [hospitality@informatech.co.uk](mailto:hospitality@informatech.co.uk)

#### PAYMENTS

A confirmation letter and invoice will be sent upon receipt of your registration. Please note that full payment must be received prior to the event. Only those delegates whose fees have been paid in full will be admitted to the event.

#### AVOID VISA DELAYS – BOOK NOW

Delegates requiring visas should contact the hotel they wish to stay at directly, as soon as possible. Visas for non-EURO nationals may take several weeks to process.

If you Need Help Please Send Email to : [hospitality@informatech.co.uk](mailto:hospitality@informatech.co.uk)

#### CANCELLATION

If you are unable to attend, a substitute delegate will be welcome in your place. Registrations cancelled more than 7 days before the Event are subject to a 200 Pound administration charge. Registration fees for registrations cancelled 7 days or less before the Event must be paid in full. Substitutions are welcome at any time.

All registrations are subject to acceptance by (Informatech Training Ltd.,) which will be confirmed to you in writing.

Due to unforeseen circumstances, the programme may change and (Informatech Training Ltd.,) reserves the right to alter the venue and/or speakers or topics.

DELEGATE's Signature

I have read and I accept the terms and conditions

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[www.informatech.co.uk](http://www.informatech.co.uk)

+44 (203) 2399994

[info@informatech.co.uk](mailto:info@informatech.co.uk)

/paypal.me/informatech

/informatech.co.uk