Learn the principles of a HAZOP study and when its application may be appropriate

HAZOP Awareness
30 April 2015, Rugby, UK
15 October 2015, London, UK

The hazard and operability study (HAZOP) has become a mainstay in a wide variety of chemical and process industries over the last 40 years. It uses a systematic application of guidewords to identify potential hazardous events, the consequences of them taking place and assesses whether there are adequate safeguards in place. It can be applied to both continuous and batch processes of any capacity or complexity and helps address health, safety and environmental risks, as well as help to avert business loss and contribute to product quality.

This course has been developed to provide an understanding of the HAZOP technique and to assist in deciding when a full HAZOP might be applicable. It is therefore of interest to a variety of roles including engineers, scientists, project management, safety professionals and senior management.

Learning outcomes

This course is intended to give an insight into some of the principles, approaches and methodologies used in undertaking a HAZOP study.

By the end of the course, delegates will understand:

- the principles of a HAZOP study
- the resources required for a study
- how a HAZOP study progresses
- the benefits of HAZOP and know when a full HAZOP would be appropriate

Who will benefit

This course is suitable for all those involved in safety and loss prevention and anyone who would like to develop a broad understanding of HAZOPs.

Course outline

- introduction and objectives
- HAZOP origins and applications
- HAZOP technique
- benefits of HAZOP within an organisation

A case study will be used throughout the course to illustrate the application of the HAZOP technique and provide opportunities for delegates to experience the techniques in action.
In-company training

If you have several colleagues interested in this course, why not consider running it in-house?

For a quote or to discuss your requirements contact courses@icheme.org

Course presenter

Nigel Bowker BSc(Eng), MBA, FIChemE

Nigel graduated from Imperial College with a degree in chemical engineering before working as a process engineer for design contractors. He then spent 22 years with BP working in exploration and field development, production operations offshore and onshore, internal audit, and health, safety and environment. His final role was as HS&E manager in supply chain management for the North Sea.

After taking early retirement from BP, he set up his own consultancy providing a range of services to clients including process engineering, audit, process safety and occupational safety. He now specialises in chairing HAZIDs and HAZOPs and is an accredited HAZOP chairman with BP.

Venue

IChemE
Davis Building
Rugby
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www.icheme.org

IChemE
One Portland Place
London
W1B 1PN

Tel: +44 (0) 020 7927 8200
www.oneportlandplace.co.uk

Fees

IChemE member   £400 + VAT
Non-member   £500 + VAT

Discounts

Discounts are available to companies booking more than one place:
2 places – 5% discount
3 places – 10% discount
4 or more places – 15% discount
Multiple places must be booked at the same time to qualify.

How to book

Register online at www.icheme.org/hazopawareness

Complete and return the registration form by email to ar@icheme.org or by fax to +44 (0)1788 560833

More details

Visit: www.icheme.org/hazopawareness
Tel: +44 (0)1788 534431
Email: courses@icheme.org

Accommodation

Accommodation is not included in the delegate fee. If you need any help with booking a hotel, contact our agent, Trinity Conferences on +44 (0)1780 484050. Remember to quote IChemE when booking.

www.icheme.org/hazopawareness

CPD 6 hrs

Maximum duration for CPD recording
Registration form

Hazop Awareness

Complete this form and return it by email to ar@icheme.org or by fax to +44 (0)1788 560833

I wish to book a place on the HAZOP Awareness course on

☐ 30 April 2015, Rugby, UK
☐ 15 October 2015, London, UK

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Method of payment (payment must be received in full before the event date otherwise admission cannot be guaranteed)

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