TRAINING COURSE

Process Safety Awareness

A half day course aimed at delegates with little to no experience in process safety.

4th June 2020 - Warrington, ABB Office
Process Safety Awareness

A half day course aimed at delegates with little to no experience in process safety.

The course is designed to give delegates a basic introduction to the subject and help with their understanding of what process safety is.

What will the course cover?
A basic understanding and awareness of the following subject areas:

- Occupational safety vs. process safety
- Identification and assessment of hazardous events; including flammable hazards, overpressure hazards and toxic releases
- How to determine whether risk is tolerable in the UK
- An introduction to the COMAH regulations, 2015
- Methods of identifying hazards
- Risk assessment techniques
- Protective measures that help to prevent and mitigate hazards

Duration: Half day

Price
£375 + VAT

Who will benefit and what will they gain?
This course is aimed at delegates of all backgrounds who either require an introduction to or a refresher in the essentials of process safety. The course would be particularly beneficial to graduate engineers, technicians, engineers and managers who want to enhance their understanding of process safety.

Training method
Training method In an attempt to broaden their knowledge of the topics covered, the trainers actively encourage delegate participation in the discussion of case study findings and recommendations and the sharing of their experiences in industry. Delegates will also benefit from completing an individual risk of fatality for an operator, based on fictional site data, hazard identification and risk assessment documentation.

On completing the course, the delegates should have:

- A basic awareness of process safety and the types of hazardous events that are assessed
- An appreciation of the importance of a thorough hazard identification and risk assessment process
- An basic understanding of the UK COMAH Regulations and the principle of ALARP
Course leaders

Johanna Smith is a process safety engineer with ABB. She has worked for ABB for 6 years, both in the UK and in the US, gaining experience in a wide range of process safety areas, specifically safety critical task analysis, consequence modelling, occupied buildings risk assessments and the development of COMAH reports, specifically predictive aspects. She has a master’s degree in Chemical Engineering and is a Technical Member of the Chartered Institute of Ergonomics and Human Factors (CIEHF).

Sarah Bickerstaffe is a Process Safety Engineer with ABB. She has worked for ABB for 2 years gaining experience in a range of process safety areas specifically in the identification and development of representative scenarios for the predictive aspects of COMAH reports. She has a master’s degree in Chemical Engineering and is an Associate Member of the Institute of Chemical Engineers (IChemE).

Agenda*

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Introduction</td>
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<td>08:45</td>
<td>Hazardous events</td>
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<tr>
<td>09:15</td>
<td>Risk tolerability and ALARP</td>
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<td>10:30</td>
<td>Tea, coffee and networking</td>
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<td>10:45</td>
<td>Hazard identification</td>
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<td>11:15</td>
<td>Risk assessment</td>
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<td>11:45</td>
<td>Protective measures</td>
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<td>12:10</td>
<td>Safety management systems</td>
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<td>12:30</td>
<td>Close</td>
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*ABB reserve the right to amend the course agenda.

How to book

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