<table>
<thead>
<tr>
<th>Title</th>
<th>Hazard Identification, Hazard Analysis and Risk Management, (an intensive training course)</th>
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<tbody>
<tr>
<td>Date</td>
<td>Friday and Saturday 15&amp;16 April. 2016</td>
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<tr>
<td>Venue</td>
<td>HSSE Office, Nasr City, close to El-Salam Mosque (map will be available)</td>
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<tr>
<td>Duration</td>
<td>2 days (12 hours)</td>
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| Course Objective | • Learn about Risk assessment, overview of Hazard analysis, and Risk Management  
• Gain an understanding on the legislative, company requirements, recognizing work hazards in industrial facilities.  
• Introduction of risk assessment methodology; how to finance risks and control hazards.  
• To be familiar with evaluating risks at work places and adopt control measures.  
• Learn about different methods in identifying and evaluating hazards and risk such as QRA and HAZOP. |
| Target Audience | HSE Professional, operations supervisors, process engineers, middle management level. |
| About the Instructors | Said Khalifa  
• President of Egypt Chapter, ASSE.  
Sary El-Fayoumy  
• Past president of Egypt Chapter, ASSE |
| Language | • English. However, Arabic language might be used for illustration if needed. The training handouts will be in English. |
| Course outlines | • Introduction to the course, course ground rules.  
• Introduction to risk management and assessment.  
• Hazard perception and assessment in different phases of a project,  
• Introducing methodology of hazard identification and risk assessment.  
• Practical guide for risk assessment.  
• Case studies:  
  • Inserting a spade in a caustic soda line.  
  • Chemical mixer.  
  • Handling of Urea big-bags into a container.  
  • Methanol tank repair.  
  • BP Texas Refinery explosion.  
  • Inherent safety design  
• Introducing Process hazard analysis, PHA.  
• Introduction to HAZOP  
• Introduction to quantitative risk assessment methods, QRA.  
  • Case study on QRA, explosion of a LP Gas Cylinder. |
| TRAINING METHODOLOGY | Training Methodology will include detailed explanation of the subject, some support documents and references. PowerPoint equipped with necessary animation, learning video and general discussion to provide participant with full understanding concerning the subject course this not limited but will extended to the following:  
• Learning Videos  
• General discussion  
• Learning Examples |
### Syndicate Groups

##### PERCENTAGE OF DELIVERY

- 50% as Presentation
- 25% Study Cases
- 25% Movies and Videos

##### Fees

- **Member:** EGP 400
- **Non-member:** EGP 750 (difference will be defined as fees for the membership application to ASSE). In other words, the delegate will be a member after completing the training course.
- **Optional** (+accreditation fees from National Training Services, UK): EGP 350

##### How to register

- Send e-mail to Said Khalifa at: **said.khalifa@gmail.com**
- Or to Yassin Darwish at: **yassin_darwish@hotmail.com**

##### Method of Payment

- Cash in advance, OR
- By depositing the fees into Dr. Yassin account and send remittance to him. His account details is available upon request.