What’s the purpose?
The course provides an introduction to and understanding of the various types of specialist risk study which may be carried out for an oil and gas or process industry facility or operation. It includes QRA (which is covered in more detail in a separate course), Escape, Evacuation and Rescue Analysis (EERA), TR Impairment Assessment (TRIA), Emergency Systems Survivability Analysis (ESSA), dropped object analysis, etc.

Who is this for?
Managers, discipline engineers and HSE and reliability professionals seeking to improve asset performance.

What does it cover?
- Introduction to risk studies
- Fire and Explosion Risk Assessment (FERA)
- Smoke and gas dispersion
- Escape, Evacuation and Rescue Analysis (EERA)
- TR Impairment Assessment (TRIA)
- Occupied Building Risk Assessment (OBRA)
- Dropped object analysis
- Emergency Systems Survivability Analysis (ESSA)
- Ship collision analysis
- Transportation risk study

After completing the module you should be able to:
1. Critically review the use of specialist risk studies in the oil, gas and process industries
2. Apply specialist risk studies to simple oil, gas and process industry operations to analyse the risks to personnel
3. Compare study results with criteria and use to devise and evaluate potential risk reduction measures

<table>
<thead>
<tr>
<th>What prior study is recommended?</th>
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<tbody>
<tr>
<td>Education, skills or experience equivalent to undergraduate level. Risktec modules: Principles of Risk Management; Oil and Gas and Process Industry QRA.</td>
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<thead>
<tr>
<th>Delivery Methods</th>
<th>Postgraduate</th>
<th>Risktec CPD</th>
<th>Attendance only</th>
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</thead>
<tbody>
<tr>
<td>Hours</td>
<td>80</td>
<td>15</td>
<td>15</td>
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<tr>
<td>Face-to-face</td>
<td>2 days, followed by assessment</td>
<td>2 days, followed by assessment</td>
<td>2 days</td>
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<tr>
<td>Distance learning</td>
<td>8 weeks duration</td>
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If you are a corporate client and would like a customised delivery, please contact the training team to discuss your requirements.