

Title	REVIEW OF HAZARD IDENTIFICATION TECHNIQUES																																																
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Executive Summary	<p>The objective of this project was to gain an overview of the hazard identification techniques commonly used at sites that will fall within the COMAH Regulations [COMAH 1999]. This has been achieved by:-</p> <ul style="list-style-type: none"> <li>• Performing a comprehensive literature review of hazard identification techniques and summarising in a document.</li> <li>• Reviewing the relative strengths and shortcomings of current hazard identification techniques with a view to providing advice to CHID and identifying where further advice is required.</li> </ul> <p>This report has provided a useful overview of the majority of the hazard identification techniques that will be found in COMAH reports and other high hazard industries. It has also given an indication of the applicability of each technique for SME's, offshore and nuclear facilities.</p> <p>There are a wide range of hazard identification techniques available most of which have many examples published. In total, 40 techniques have been identified in this study. However with the notable exception of HAZOP there are few formal guidance documents on the application of such techniques. The most common method of learning to apply a technique is attendance at one of the many training courses or working with a more experienced colleague.</p> <p>The lack of formal guidance is to be expected with a range of techniques that need to be very flexible to allow application to a wide range of circumstances without discouraging free thinking. The guidance available appears to concentrate on providing a description of the technique rather than setting any standards relating to the quality of its application.</p>																																																
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