

HSE CASES & SAFETY REPORTS

The need for a Documented Systematic Approach to HSE Management has been a key legal requirement for all businesses in the UK and Europe for many years.

For onshore oil and chemical industry plants Europe (and the UK) has had the Seveso Directives (and Control of Major Accident Hazard (COMAH) Regulations), requiring for 'Upper Tier' sites a "Safety Report". This provides a clear assessment of the MAH risks presented by the facility and operations and the controls to ensure the risks are As Low As Reasonably Practicable (ALARP). The Piper Alpha disaster demonstrated the need for a similar approach for offshore oil and gas facilities in the UK and the "Offshore Safety Case Regulations" captured this.

More and more Governments are developing "Major Accident Hazard Regulations" capturing the basic elements of the UK Safety Case and COMAH regulations, including requiring a Safety Case / Safety Report.

CW International has been working on HSE Cases, Safety Case and supporting standards, procedures, and guidelines since the introduction of the UK "Offshore Safety Case Regulations" back in 1992 – initially for UK clients and then increasingly internationally as the benefits of the approach were recognised and transported by various clients.

'Simplicity' and 'fit for purpose' are key phrases and the mainstay of CWI International's support for its Clients in the formulation, implementation and maintenance of their HSE Cases, the key objective being to help achieve and demonstrate that risks are as 'As Low As Reasonably Practicable (ALARP)'. Typical HSE Cases / Safety Reports cover:

Description of Facility and Operations: To demonstrate and communicate an understanding of the facility and its operations and some of the HSE controls across them.

HSE Management System: Description of the facility HSE Management System compliant with ISO 14000, OHAS 18001, OGP Guidelines,

Risk Assessment: To demonstrate and record the identification of hazards inherent in the facility or operation and the inherent and controlled risks from these hazards. To include (or reference):

- Hazard Register tabulating all identified hazards and their main controls
- Qualitative "Major Accident Hazard Analysis" and "ALARP Assessment" backed up if necessary by full 'Bow-ties' detailing the hazards and controls and formally declaring risks to be ALARP
- Particular Technical Studies as appropriate to identify, assess risks and controls e.g. HAZOPs, EERA, QRA etc.

HSE Critical Activities, Positions and Roles: To identify and communicate HSE critical activities and tasks to those needing to carry them out and how the Company ensures their competence to do so.

HSE Critical Equipment and Processes: To identify HSE critical equipment and how the Company ensures their effective operation and maintenance. Also HSE critical procedures and management processes to ensure they are properly maintained and applied.

Remedial and Improvement Action Plans: To identify gaps and other improvements in the system and specify, record and track agreed actions to fill those gaps, achieve those improvements.

*Professional help when
and where you need it*



*Minimising Risk
Maximising Opportunities*

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