**OFFSHORE SAFETY CASES AND SAFETY ASSESSMENTS**

Helping duty holders to comply with the 2015 offshore Safety Case Regulations (SCR 2015) throughout the life of the platform.

**General Factsheet**

Under SCR2015 safety cases are required for all installations operating in external waters. A single duty holder is required to submit the safety case for an installation.

**Offshore safety cases**

The primary purpose of the offshore SCR 2015 is to reduce the risks from major accident hazards to the workforce. SCR 2015 also aims to increase protection of the marine environment against pollution and ensure improved response.

Duty holders are required to ensure the safety case for their offshore installation complies with the additional requirements of the 2015 regulations. Compliance with the regulations requires a 5 yearly thorough review of safety cases, including the safety assessments which form part of the justification for continued operation, and updating the safety case in accordance with the changes introduced in the 2015 regulations.

**Process Safety Management (PSM)**

ABB supports clients with PSM services covering areas including licence to operate, hazard identification and risk assessment throughout the life of a plant / installation. We advise on practical improvements to manage risk from concept through operation to decommissioning.

For installations approaching end of life we carry out asset life studies to help secure continued operation of ageing platforms.

**What we offer**

- Writing a full offshore safety case in a standardised format in compliance with the offshore installations SCR 2015
- Modifying an existing (2005 regs) offshore safety case to ensure compliance with SCR 2015
- Performing the 5 yearly thorough review of an existing safety case to fulfil the requirement under the offshore installations SCR 2015
- Reviewing and updating the safety assessments (HAZOPs, HAZIDs, LOPAs etc.) which support the justification for safe operation, throughout the operational life of the platform including late life and decommissioning
- Making updates to the safety case following a thorough review or update to the safety assessments
- Updating the safety case as part of decommissioning activities
Benefits
- Ensuring continued safe and reliable operation for the design conditions and as Cessation of Production (CoP) approaches
- Compliance with 2015 regulations permitting continued licence to operate
- Ensuring changes in hazards and consequences are captured in updated safety assessments
- Ensuring the safety case reflects the current operating status of the installation

Why ABB?
- Track record of assisting companies in becoming compliant with legislation in highly regulated sectors.
- Personnel experienced in writing offshore safety cases, conducting thorough reviews and updating safety cases
- ABB have conducted safety assessments for a wide variety of offshore installations
- Track record of managing integrity on offshore platforms and delivering asset late life studies
- Extensive experience in conducting process safety studies (HAZOPs, LOPAs etc.)

Other ABB capabilities include:
- Inspection
- Integrity management
- Asset life studies and plans
- Auditing and gap analysis for OSCR, PFEER, PUWER, safety and environmental critical elements
- Fitness for purpose assessment
- Process safety, including:
  - Alarm management
  - ATEX compliance
  - Fire and explosion
  - SIL / LOPA / IEC 61508/61511