

# MANAGING SECURITY RISKS IN THE OIL & GAS SECTOR

23-27 July 2012  
20-24 August 2012

**£2450\* plus VAT**  
**Includes 5 nights full board  
accommodation**

Location: Thames Valley, UK

This sector-specific programme is intended for security managers or consultants in the oil and gas industry, or those seeking work in this sector. Drawing on case studies from around the world, it addresses some of the more complex risks associated with oil and gas operations in various environments and includes many practical exercises. Participants should have a baseline level of security management knowledge, such as that covered in Security Management Stage 1, or the ASIS CPP certification.

## CONTENT

**Security Risk Analysis in the Oil and Gas Sector**  
**Corporate Social Responsibility, Human Rights, and Community Engagement**  
**Managing Activism Risk**  
**Managing Acts of Militancy and Terrorism against the Oil/Gas Sector**  
**Oilfield and Pipeline Security**  
**The Security of Refineries and other Production Facilities**  
**Maritime and Offshore Security**  
**Retail Security**

**Security Risk Analysis in the Oil and Gas;** The oil and gas sector threat assessment, Special considerations when managing oil and gas sector risks, Risk analysis and management overview, The American Petroleum Association Security Vulnerability Assessment, Risk assessment considerations when assessing the risk of terrorism.

**Corporate Social Responsibility, Human Rights, and Community Engagement;** The business case for corporate social responsibility, The elements of corporate social responsibility, Social responsibility, ethics and security leadership, Stakeholder communication, Liaison with government and non-government organisations, Codes of business conduct and business best principles, Dealing with unethical behaviour.

**Managing Activism Risk;** Activist movement overview, Environmentalist groups, Determining whether a group is militant, The threat from militant activism, Networked threats, Targets for protest activity, Methods of attack (physical and cyber attack), Mitigation methods, Protecting key managers from activist attack, Event security, Open information sources, Covert intelligence sources, Protection of reputation, External support in dealing with activist groups, Engaging activist groups to reduce risk.

**Managing Acts of Militancy and Terrorism against the Oil/Gas Sector;** Militancy, Terrorism and insurgency overview, Al-Qaeda and the oil sector focus, Terrorism group motivation, targets and methods, Types of terrorist action, Protecting critical national infrastructure against terrorism, The oil and gas sector as a target of terrorism and insurgency, Terrorism future outlook, Types of oil sector targets: oil and gas wells, pipelines, refineries, tanks farms, loading terminals, Expatriate personal security considerations, Developing a counter-terrorism strategy, Using risk analysis methodologies to manage terrorism risk, Intelligence and terrorism, Alert levels, Elements of a counter-terrorism strategy, LNG – gas trains: upstream to downstream risks.

**Oilfield and Pipeline Security;** Asset identification, Adversary types, The three phases of pipeline security, Planning phase security challenges, The threat assessment, The risk analysis, Construction phase security strategy, Example threat scenarios, Operational phase threat assessment examples, Impact assessments, Summary security requirements for: the pipeline, manned above ground installations (AGIs), unmanned AGIs, large AGIs, Contingency planning.

**The Security of Refineries and other Production Facilities;** General best practice security management principles, Detecting and deterring hostile reconnaissance, Perimeter security, Beyond the perimeter security, Critical/vulnerable point security, Access control, Intrusion detection and response, Main gate design to counter and contain terrorist attacks, Managing the risk of suicide vehicle attacks.

**Maritime and Offshore Security;** The ISPS Code, Maritime assets and vulnerabilities overview, Piracy considerations, Terrorism considerations, Smuggling and other crimes, Security of offshore platforms and mooring points, Security of vessels, Security partners in maritime security, Maritime security adversaries, threat sources and possible scenarios, Intelligence and risk forecasting, Security of land-based maritime assets, Securing the helipad and helicopters, Security of the marine storage facility, Using technology in support of offshore protection, Over-the-horizon threat identification, Offshore facility immediate response to an attack.

**Retail Security;** Retail outlets as crime targets, Managing the risk of internal theft, Managing the risk of external theft, Forecourt security considerations, Armed hold-up prevention and response, Using CCTV in support of retail security, Constraints on layout when using retailer concessions, ATM security, Managing the risk of customer identity theft.

**\*Non-residential fee available on request**

[Click here](#) to register. For further information please contact:

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