



HUGHES

RISK MANAGEMENT LTD

***“Providing Investigation, Expert Witness, Legal,
Negotiation and Arbitration support”***

Integrated HSE, Technical Safety and Verification specialists

“Trust and Integrity in Client relations”

About Us

Formed in 2007 as a UK Limited Company, HRM has progressively developed into a consultancy that delivers projects for a wide range of clients from its Carlisle based office in the UK.

Our services have a proven track record and we endeavour to cascade experience from other projects and lessons learnt back into our service profile with the view to improving the overall deliverable and execution process. Much of our work is on an extension or referral basis.

HRM provide a range of Consulting and Support services to Clients aimed at providing solution based deliverables providing key decision making tools and processes across industries for all facets of safety and risk management. We can meet your needs in all aspects of:

- Risk Management and Technical Safety
- HSEQ
- Training
- Regulatory submissions
- Integrity and Verification
- Bespoke solutions
- Accident, incident investigation and expert witness

We pride ourselves in being responsive to Clients requirements and a full understanding of the delivery process and cost restraints.

HRM are able to provide a tailored solution to manage these in an integrated way to allow Clients to maximise the opportunities and avoid or mitigate loss.



PROVIDING KEY SERVICES TO A WIDE RANGE OF INDUSTRIES ON A GLOBAL SETTING



“Seamlessly transferring skills from one industry to another”

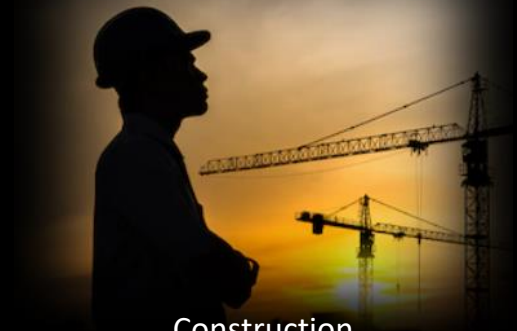
HRM are a well-established, highly experienced, specialist HSEQ and Technical Safety engineering consultancy delivering a wide range of services and cost-effective solutions for its Clients in the following industries:



Offshore Oil & Gas



Onshore Oil & Gas



Construction



Chemical



Manufacturing



Renewables



Transportation



Utilities



Legal

Legal



“Providing Investigation, Expert Witness, Legal, Negotiation and Arbitration support”

HRM have extensive experience in the Legal, Compliance, Regulatory and Investigation Sectors in the United Kingdom, Europe and on a Global basis.

Our goal is to provide quality and compliant services, taking due cognisance of advancing and emerging process, requirements technologies, and regulatory compliance supporting our services in Expert Witness, Negotiations, Arbitration and Due Diligence. This depth of knowledge ensures that cases undertaken are able to draw upon both the experience and qualification of engineers, HSEQ specialist and Consultants providing rounded and diligent reporting.

HRM have experience with various facilities such as:

- ✓ Power generation plants, Coal fired power stations and Biomass power stations
- ✓ Chemical plants and pipelines
- ✓ Waste facilities and Sewage treatment
- ✓ Construction
- ✓ Transportation (commercial and Industrial)
- ✓ Manufacturing plants, Engineering (light and heavy) and Water facilities
- ✓ Ports, vessels and Jetty operations
- ✓ Leisure and Retail facilities
- ✓ Onshore and Offshore Oil and Gas facilities including Drilling and Exploration
- ✓ Insurance (MPL/EML, surveys and valuations at risk)



Framework

Providing Investigation, Expert Witness, Legal, Negotiation and Arbitration support

HRM offers Clients its **Framework** service for Expert Witness and Investigation support. Uniquely, HRM are able to support Expert Witness and Investigations by its consultancy pool of specialists in the Oil, Gas, Petrochemical, Chemical, Manufacturing, Construction and associated Industries. This depth of knowledge ensures that cases undertaken are able to draw upon both the experience and qualification of engineers, HSEQ specialist and Consultants providing rounded and diligent reporting. Engineers are qualified to degree level and Consultants and Specialists with qualifications for membership and registration to recognised bodies.

- ✓ Accident and Loss investigation, reporting and Regulatory breaches.
- ✓ Workplace and occupational safe systems of work.
- ✓ Slips, trips and falls in commercial as well as Industrial settings.
- ✓ COVID 19 Secure assessments and Investigations.
- ✓ Fire, explosion and risk consequence failures.
- ✓ HSEQ and Engineering failures (Concept – Design – Operation – Decommissioning).
- ✓ Claims management and loss adjusting support.
- ✓ Expert Witness across a wide range of Industries and specialisms.
- ✓ Litigation and Arbitration (Case investigation, file, report compilation and representation).
- ✓ Representation at Legal, Tribunal and Regulatory settings.
- ✓ Due Diligence

HRM has registered Expert Witness Staff with experience in the United Kingdom, Europe and Worldwide locations. The department is headed by William Hughes who further provides input as a HSE and Engineering Consultant within HRM

The following Example Cases have been carried out by HRM.



Example Cases

❖ Personal Injury investigation for 6 Construct – UAE

Investigation initiated by 6 Construct following investigation and Court proceedings being issued by the Abu Dhabi Federal Court. Conducted accident investigation and reported on the fatalities of four workers due to gas explosion. Provided testimony and evidence for the Court hearing and supported 6 Construct legal Council.

❖ Multiple Fatality Investigation and reporting for Consolidated Contractors - UAE

Investigation initiated by CCC due to cofferdam collapse and the fatal loss of personnel. investigation and Court proceedings being issued by the Abu Dhabi Federal Court. Conducted accident investigation and reported on the fatalities of six workers due to gas explosion. Provided testimony and evidence for the Court hearing and supported CCC legal Counsel.

❖ Piper Alpha Investigation and Inquiry

Engaged as part of the investigation team for Cremer and Warner on behalf of the UK Department of Energy. The role was to support the Lord Cullen Technical Panel into the investigation of the events leading to the Piper Alpha fires and explosions with subsequent loss of life and asset. Provide reports and briefings for Council at all stages of the Inquiry.

❖ Kings Cross Investigation and Inquiry

Engaged as part of the investigation team for Cremer and Warner on behalf of the UK Department of Transport. The role was to support the investigation of the events leading to underground system fire at Kings Cross and explosions with subsequent loss of life and asset. Provided reports and briefings for Council at fire and loss of life stages of the Inquiry.

❖ Clapham Junction Incident Investigation

Engaged as part of the investigation team for Cremer and Warner on behalf of the Anthony Hidden (QC) Investigation team. The role was to support the Technical Panel into the investigation of the events leading to the incident and investigation for failure modes with the “WARS” that was in place for signalling and potential Human Failure using Root Cause and THERP software. Provided reports and briefings for Council at all stages of the Inquiry.



Example Cases

❖ Gas Turbine Fire and Explosion Centrica Easington Facility

Engaged as part of the investigation team for Cremer and Warner on behalf of Centrica to determine the cause of a fire and explosion to gas turbine house and equipment. The remit was to determine causation as well as to table quantities for loss of production and rebuild of facilities. Inherent design considerations with the manufacturer of the Turbines were undertaken as part of the causation and mitigation measures. Supported Arbitration meetings and advised Client.

❖ British Gypsum Lopulco Mill Explosion, Kirkby Thore, Cumbria.

Internal investigation initiated by British Gypsum to determine cause and remedial risk improvement measures following an explosion of number 1 Lopulco Mill process at British Gypsum Plant at Kirkby Thore in Cumbria. This case investigation covered employee injury as well as plant damage and claim compilation.

❖ Personal Injury investigation for Wood Group North Sea

Investigation initiated by Wood Group North Sea to support their internal Legal department to determine cause and potential liability for an injury sustained by a contracted employee during lifting operations on the Brent Charlie Offshore facility during maintenance and work over operations.

❖ Hydrogen Explosion at INCO Refinery Swansea.

Internal investigation initiated by INCO following an explosion within its nickel extraction process, namely the hydrogen plant. The explosion caused structural damage, downtime and injury to three employees who suffered burns during planned change over and maintenance activities at the refinery. The case was investigated and taken to court for prosecution by the HSE. The case was investigated and taken to court for prosecution by the HSE where I provided expert witness testimony. Provided support for damage claim and restoration of facilities.

❖ Tank Collapse Abu Dhabi United Arab Emirates

Investigation initiated by Abu Dhabi Oil Company (ADNOC) following a collapse of a crude oil tank during the construction phase of the Umm Al Nar Refinery in Mussafa area Abu Dhabi. The main contractor was Six Construct but also there were three other contractors under subcontract arrangements supporting this activity. The accident resulted in two fatalities, several injuries and asset damage. The investigation was conducted under UAE Federal Law with the Abu Dhabi Police. Further review re-instatement cost and loss as part of the claim process that followed the initial hearing in Court



Example Cases

❖ Employee injury due to rotating equipment accident

Investigation initiated by a canning and conveying company based in the NW of England which resulted in a debilitating injury to an employee. HSE improvement notices were issued as well as personal injury claim against the Company.

❖ Petrobras P36 (Spirt of Columbus)

Engaged as part of the investigation team for Poyry Aberdeen to assess the overall loss of production and construction costs for the P36 rig following total loss due to fire and explosion which also incurred 11 fatalities. The review was to establish fair and reasonable reimbursement for the rig (Scott Company) and damage sustained to the Marlim Field facilities. This included the development of report for the arbitration session and meetings with Council.

❖ Employee injury and Asset damage due to Fire

Engaged to support an investigation of a fire incident that also resulted in employee injury and loss of assets. The Injury and Loss occurred to a fire in the chemical refining processes on a Chemical Facility in Flimby, Workington, Cumbria.

❖ Employee injury and Asset damage due to Machinery guarding

Engaged to support an investigation of a loss of limb accident resulting in crane and lifting operations. This was conducted in the UAE under UAE Federal Law and Ministerial decree, Resulted in court evidence for the prosecution.

❖ Environmental Pollution

Engaged by Lawson Mardon Packing and Printing to support an investigation into alleged pollution of the SSSI site Salterbeck Burn adjacent to their facilities on the Salterbeck Estate, Workington, Cumbria. A notice of intention to prosecute was issued by the Environmental Agency due to damage to flora, fauna and aquatic life. Prepared case for defence against Environmental Agency summons which resulted in official (non legal) hearing and evidence.

❖ Fire and Explosion

Investigation for Tank and Marine Storage area fire and resulting explosion at LUBREF facilities in the Kingdom of Saudi Arabia. Further supported the loss investigation with reports for Loss Adjusters as well as Insurers. Provided Mediation support of financial loss agreements.



Example Cases

❖ Crane Collapse

Engaged by Al Ain Ahlia Insurance Company for an investigation following a collapse of a crane boom during a heavy lift operation at the National Petroleum Construction Company site at Sadiyatt Island in Abu Dhabi. The crane owner was Al Jabeer and the operation were jointly supervised by NPCC rigging personnel and Al Jabeer. The accident resulted in several injuries and asset damage. The investigation was conducted under UAE Federal Law with the Abu Dhabi Police. Further review reinstatement cost and loss as part of the claim process that followed the initial hearing in Court.

❖ Pipeline Loss

Ahlia Insurance Company to assess possible loss of significant GRP pipeline construction and materials site due to flash flooding in the Al Ain desert, Abu Dhabi UAE. The assessment was to determine the credibility of the main contractor Tannorri Engineering claim for £3 million loss of pipeline, construction/trenchworks and material due to the incident. Provided support as part of the arbitration of loss in UAE.

❖ Personnel Injury

Engaged by CEONA to undertake an independent investigation to review safe work practices and equipment integrity for an incident resulting in injury and asset damage during Lifting, pipelay and tie back operations as part of Offshore EPIC programme for offshore floating facilities operations

❖ Personnel Injury

Engaged by Corker Binning on behalf of CRO Ports to undertake an independent accident investigation following personnel injury at the Killing Holme Port Facility, Humberside, UK.

❖ Personnel injury

Engaged by Attias and Levy, Gibraltar for crush injury to personnel during lifting operations whilst moving a marine vessel at GIBDOCK case settled out of Court.

❖ Personnel Injury

Engaged by Thompson Solicitors Edinburgh for serious injury to employee in performance of work duties at Stagecoach Glenrothes. Case settled out of Court.

❖ Fire and Explosion

Engaged directly by the Company (Client) to assess failures in design supplied equipment that resulted in a fire and ensuing dust explosion of a Coffee Manufacturing process (Raw – Finished). Developed a report that was used in mediation and settlement.



Example Cases

❖ Mediation with UK HSE

Provided mediation support to a Major Drilling Contractor supporting defence against IDMSO UK HSE audit findings and subsequent rectifications.

❖ COVID 19 – Investigation

Review of Food and Beverage facility for breaches in COVID 19 Risk requirements. Undertook full review and reporting on failures to support case actions.

❖ Personnel Injury

Engaged by Thompson Solicitors Edinburgh for serious injury to employee in performance of work duties.

❖ Mediation with UK HSE

Provided mediation support to a Client (Graphix) supporting defence against closure by the UK HSE. Result was non closure of site with agreed special measures which were completed.

❖ Fire and Asset Loss

Engaged by Bankside Commercial Solicitors as sole Expert Witness to investigate and write a report of loss due to fire of SRF Manufacturing facility for presentation to court.

❖ General Investigations and reporting

Over 100 cases of accident and incident investigations resulting in damage, injury or consequential third-party losses.

These have been over the Construction, Transportation, Marine, Manufacturing and Energy and Industries and all phases of operation.

Further details on the above summaries or on other cases can be provided on request.





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