

KEITH ALEXANDER
BSc (Hons) Technology
Dip. Systems Practice

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HSEQ and Systems Discipline

SKILL AREAS

Senior HSEQ Advisor.

Coach and Training Presenter: HSEQ, Risk, Behaviour, & Emergency Response.

Lead Facilitator of Risk Assessment, HIRA, HAZID and Vessel Assurance.

Lead Auditor for compliance audits for contractor assurance and project execution.

Systems Discipline skills for problem solving, organisational systems and enhancing project efficiency.

Wide and practical experience of industrial processes, manufacturing, logistics and office operations.

Technical Authoring of HSEQ, Emergency and Operational Procedures.

IT skills including Office, Graphics and Multimedia using leading applications, including the Adobe suite.

COMPETENCY FIELDS

HSEQ / BEHAVIOURAL SYSTEMS / RISK / COMPLIANCE & AUDIT / EMERGENCY MANAGEMENT /
SUBSEA, DIVING & MARINE / MAJOR PROJECTS / DRILLING & WELLS / POWER DISTRIBUTION

TRAINING & COACHING / VIDEO, MULTI-MEDIA & ONLINE STREAMING

EXCELLENT KNOWLEDGE of ENGINEERING, PROCESS, MAINTENANCE and OPERATIONS ACTIVITY

UNIVERSITY

BSc (Hons) Technology

&

Diploma in Systems Practice

Degree Profile

TECHNOLOGY (BSc Named Degree)
ENVIRONMENTAL CONTROL & PUBLIC HEALTH
DESIGN - PROCESSES & PRODUCTS
DESIGN & INNOVATION
ENGINEERING PRODUCT DESIGN
COMPLEXITY MANAGEMENT & CHANGE
SYSTEMS THINKING – PRINCIPLES & PRACTICE
EXPERIENCING SYSTEMS
ENVIRONMENT

Post Grad

MANAGING SYSTEMIC CHANGE – INQUIRY, ACTION AND INTERACTION
THINKING STRATEGICALLY - SYSTEMS TOOLS FOR MANAGING CHANGE.

2019 - Current

K999 Ltd

HSEQ & Systems Specialist

I moved from Senior Safety Advisor position with Taqa when the company was going through some organisational change. This created an opportunity to revisit aspects of my wider skill set in use of systems and IT applications, including coaching.

I revisited my knowledge with the full Adobe suite, video production, streaming and interactive course production applications.

These proved valuable with the advent of the Covid-19 pandemic, and I have provided qualified HSE support using these skills since. This included creation of a complete online self study course on Coronavirus Risk Awareness, incorporating emerging hazard knowledge about the virus from the WHO and leading international Research University sources.

Subsequently I have created an online course "Risk & Hazard Awareness" that provides cornerstone knowledge of how risk & hazards are recognised and judged by people. It includes the latest social psychology that influences risk assessment, plus behavioural techniques and skills to avoid harm.

This project together with a career background in Risk are contributing to IIRSM Fellowship.

These productions demonstrate an ability to create a complete solution from script through production and streaming to any user need.

My outside interests include competitive dog competition at championship level, where I have achieved the finals of the prestigious Breeder Competition at Crufts and have already qualified for 2023, highlighting my personal drive to achieve the best I can.

Currently completing Fellowship of the International Institute of Risk & Safety Management.

With these enhanced skills, I am looking towards opportunities that are strategically working towards effective delivery of HSEQ and Risk Management, where my skills and extensive experience will add value.

Note:

The following pages are included in full to provide a complete account of my career history, illustrating the extensive experience I have accumulated to support the skill areas I provide.

2015 – 2019

TAQA – Senior Safety Advisor.

From the position of Subsea HSE Lead, I was invited to join TAQA Bratani Ltd in a staff position as Senior Safety Advisor. Continuing to be responsible for Subsea and Diving Operations, responsibilities were also extended to cover the Technical Directorate comprising Major Projects, Wells & Drilling, Subsea Pipelines and Diving, Facilities Management and Decommissioning.

Key responsibilities included:

- Coordinate Subsea HSE Plan and KPI monitoring for compliance with TAQA HSE expectations.
- Providing practical advice and guidance to the Company on all HSE matters relating to subsea and projects activities and building facilities management.
- Focal point for TAQA's positive safety culture program, Intelligent Safety.
- Attending appropriate technical team meetings to maintain a clear understanding of the short, medium and long term operational requirements of the business and ensure HSE considerations are taken into account and run the individual departmental HSE update meeting.
- Developing HSE plans and processes for projects, ensuring strict compliance with company and regulatory HSE standards and expectations and assists subsea and project management teams to execute activities safely and without harm to the environment. Monitoring and analysis of HSE performance to develop improvement plans for work activities, as appropriate.
- Contributor to the development of HSE KPI's for subsea activities and projects, monitor and report on performance and provides monthly statistics to the Subsea & Projects teams.
- Identifying opportunities to improve HSE performance in subsea operations and projects and coordinate activities to implement ideas into processes and procedures leading to continuous HSE performance improvement.
- Maintaining an up to date awareness of changes to legislative requirements and ensures subsea systems and procedures are updated to reflect operational requirements.
- Working with the HSSEQ department, subsea and project teams to prepare responses to regulator enquiries relating to e.g. inspections and investigations.
- Responsible for ensuring compliance with the TAQA Diving Safety Management System (SMS) across the company.
- Conducting regular Diving SMS audits both internally and with Diving Contractors to ensure compliance the TAQA Diving SMS and regulatory requirements.
- Attend and facilitate HAZIDs, HAZOPs, ORA's and HIRA's where required.
- Making regular visits offshore and to vessel mobilisations to enhance onshore/offshore relationships and communications, promote and support company and contractor HSE related campaigns, conduct audits etc.
- Developed and managed the Safety Management Interfacing process across assigned projects or departments, ensuring HSE requirements are considered and issues managed effectively at project kick-off and contract award stage and at all subsequent stages of the project management process. Creating interface documents with key vendors.
- Working closely with Project Managers to ensure TAQA's HSSE expectations and deliverables are effectively communicated to contractors. Regularly reviews contractor performance to ensure deliverables are being met. Attends BPR sessions when required and applicable.
- Working closely with HR Director to ensure TAQA's HSSE expectations and deliverables are effectively communicated to building facilities contractors. Attends QPR sessions when required and applicable.
- Providing general advice and support across the Company on a wide range of HSE related matters, as required.
- Monitoring input & output of systems such as Impact, E-Logbook (ORA/OATS), Business Assurance, Process Safety Dashboard and Intelligent Safety Sharepoint for quality control, trending and lessons learned. Assisting team members in actively tracking and closing out actions by holding regular meetings with team leads.
- Dissemination of HSSE-related information, identifying trends and providing business examples of TAQA Safety Rules, Intelligent Safety behaviours and Step Change 7Cs.
- Develop ideas and initiates improvement in HSSE processes and procedures and, where appropriate, developing improvement options.
- Providing support and input to a wide range of HSSEQ processes e.g. Incident Investigation and Reporting, Audit Procedure Programmes, Loss Control Procedure, Investigations, Risk Assessment Procedure, Risk Assessments, Corrective and Preventive Action.

- Providing HSE mentoring, coaching and development opportunities for team members as needed.
- Active member of the IMT Call out System for HSSE function and participation in Emergency Response and Crisis Management training exercises.
- Monitoring ERC room to ensure individuals responsible for subsea operations are maintaining up to date documentation during offshore operations.

2010 - 2015

J P Kenny – TAQA Subsea HSE Lead.

Commenced key contract with J P Kenny, in the role of Subsea HSE Lead within the subsea team of TAQA Bratani Ltd. Responsible for HSSEQ assurance processes for all subsea assets and pipeline systems. Working with TA and Engineering personnel to help determine better and more efficient processes. Liaison with all contractors to cascade TAQA HSSEQ objectives and work standards, encouraging and achieving high safety performance within all subsea activity. Coordination of SMS and project risk management with all subsea contractors. Providing support to wells and drilling team for SIMOPS with topside and subsea operations. Proactively involved with TAQA health team and for social events. Recognised and commended by operations and senior management for ability to work with everyone, promoting the TAQA way and delivering sound judgement and problem solving.

Key responsibilities include:

- Subsea HSE Plan and KPI monitoring for compliance with TAQA and JPK HSE expectations.
- Subsea Risk Register.
- Subsea Action Tracking.
- Risk Assessment methodology and tracking.
- RAM model for TAQA subsea and corporate needs.
- Audits – diving contractor, emergency management and contractor SMS.
- HAZID, SIMOPS and Dropped Object study.
- Procedural reviews – TAQA and Contract.
- Emergency procedures.
- HSE Expectations for Contractors.
- Contractor interface and Intelligent safety coaching.
- Support and advice to all discipline engineers.
- Interdepartmental networking for best HSE practices and standards.

2009 - 2010

Advi-Safe / Rowan Drilling contract.

Delivered series of Hazard Recognition and Risk Assessment courses for all Rowan Drilling teams from the Gorilla 5, in response to significant accidents and HSE improvement notices. Highly commended for quality of training, knowledge and effectiveness of presentation. HSE recognised this achieved an instant and significant step change with personnel's behaviours / attitude. The training programme fully satisfied the risk assessment / permit to work aspect of the improvement notices.

2008 - 2009:

Prosafe

HSEQ & Compliance Engineer, Prosafe MSV Regalia refurbishment project.

Commenced 23rd June 2008 as HSEQ & Compliance Engineer within the project team, responsible for the refurbishment of the flagship accommodation vessel - MSV Regalia. Responsible as HSEQ lead for the project with interface to the dry dock yard at Keppel Verolme, Rotterdam, Holland. Vessel was scheduled for major refurbishment in life extension project, including removal of all temporary accommodation modules and replacement with 200 new permanent cabins to NORSOK standard and upgrade of existing cabins, galley and all recreational areas for operations in the Norwegian sector. Vessel also underwent complete hull refurbishment, including fitting of ICCP system, re-coating of all tanks and upgrade to ballast and DP system. All six marine generator sets were changed out for new. Helideck was upgraded to latest standards with inclusion of new weather monitoring and UPS systems.

Prime responsibility for ensuring compliance with multiple regulations and rules applied together, including NORSOK standards, NMD Regulations, Lloyds Rules and MODU Code and Norwegian / UK Helideck Regulations. Key member of the management team providing safety engineering guidance to all discipline and commissioning engineers through each stage, making use of systems and engineering design qualifications and extensive operational experience.

Introduced several best practices and additional expertise to complete full noise, vibration, working environment and complete re-signing of vessel on a hazard recognition basis, complete with Norwegian translation throughout.

Interpersonal skills and ability to work with several different nationalities at the same time, was recognised as achieving the best working relations with the yard and key contract companies. Added significant advantage to cooperation needed in a highly compressed time schedule for the full scope. Developed all bridging arrangements for control of work and liaison with the yard activity, subsequently to be retained by the yard for future activity.

2008 - 2009:

Own Company

HSEQ Management and Systems Specialist

Having completed a significant and varied career with BP, involving a number of transformations and major projects, all with recognised success and developed best practices, 2008 commenced on a consultancy basis. This was to enable work on more challenging and larger activities, where my skills had been recognised as highly valued, but were not available in the staff organisation. I have experienced demand in particular for my competency in HSEQ planning along with ability to communicate and engage contractor elements with common aims and objectives. Commenced 2008 providing project HSSE support to BG Britannia upgrade.

Some examples include:

- Contractor safety engagement days.
- Clear HSE expectations for all parties.
- HSE planning.
- Identification and change of duplicate processes.
- Philosophy documents and procedures.
- Audit schedules and compliance audits.
- Supervisor HSE leadership.
- HSE communication and coaching.

1995 - 2008:

BP

HSE Advisor

3. Magnus (DBU):

Invited to move to Magnus in July 2000 to bring experience from other large offshore construction activities to the EOR Project on Magnus and for HSE leadership. A key player in the management team.

Co-ordination of major risk assessments for DSV riser installation concurrent with live export.

Refreshed and updated the STOP process and database system for Federal use.

Created new emergency command planning facilities and introduced daily planning process. Developed systems process for PUWER, Manual Handling, Dropped Objects and PTW compliance. Conceived and organised prominent celebrity events for team building and motivation.

Detached to coordinate Temporary Refuge upgrade to satisfy additional precautions needed for gas import risk. Determined equipment and facility requirements. Re-organisation of emergency response teams, development of new procedures and training needs to satisfy safety case and the HSE. Now recognised by the HSE as the most advanced and effective emergency command facility

3Q 2003 assigned as HSE Advisor to lead and develop HSE Team offshore. and coordination of HSE strategy. Facilitate a functional link between offshore and onshore HSE teams to ensure consistency of support to asset operations.

Providing key safety expertise in the development of new HSE systems and compliance initiatives involving all aspects of operation. Respected for wide knowledge of HSE and problem solving that contributes to team efficiency in all operational areas. Advice and opinion sought from all levels, e.g. completed the integration of the Hazard Awareness Programme and GRACE tool (Incident Analysis) both of which are implemented across the organisation as federal initiatives.

Coordinated 2007 TAR project HSE and responsible for design and delivery of the TAR HSE Plan, recognised by internal and external audit as best in class practice. Progressed all HSE requirements for Saipem 7000 HLV flare replacement activity. Worked with contractor companies at management level to influence alignment with HSE expectations through an engagement process. Supporting drilling MEP project through construction and currently into drilling installation phase. HSE support and problem solving support with safety and recovery team for major dropped conductor incident.

2. Greater Forties: (HSE-OTL) Responsible for supervision and co-ordination of the Greater Forties offshore HSE team on Andrew, Montrose/Arbroath and the five Forties Field installations. Achieved improved HSE performance across the wide variety of operational sites in GFU. Promotion of the Common Operating Procedural Environment to achieve common systems throughout the asset.

1. Andrew: (HSE Co-ordinator) A member of the installation management team providing guidance, training in occupational safety, environmental issues and the emergency preparedness of personnel and the facility. Provide advice and audit for compliance with all statutory regulations, company codes and operating practices. Develop and author procedures and systems to ensure compliance and competence. Lead member of the installation Safety and Logistics Team, Area Authority, COSHH co-ordinator and responsible person for dangerous operations and materials. Co-ordinator for the proactive STOP programme and strategies for maintaining the accident free environment established on the platform. Key figure in the "Challenge Andrew" project that involved the construction of a nursery school in The Gambia. Experience and skills working with different nationalities helped to ensure success. Competent Deputy OIM. Involved with the project through planning, construction, commissioning, installation and operational phases.

1994 - 1995:

Freelance HSE Adviser working on Mobil and Chevron assets coordinating the safety requirements of major construction projects, including the Alba hook up. Also vessel refurbishment on the Beryl Alpha that involved welding of nickel linings in separators within live modules.

1989 - 1994

Marathon Oil UK

Safety Officer

Provided advice to the OIM, supervisory staff and other personnel, on all aspects of Occupational Safety and Emergency Response. Provided a key focal point of contact between management and the work force. A high degree of responsibility, individual skills and intimate knowledge of the facilities were constantly called on to recommend, advise and make decisions.

Involved in the planning and installation of pipeline ESDV valves and other equipment for post Piper improvements. Also riser installation for subsea satellites and a power distribution ring main.

Covered the role of Services Superintendent for regular and extended periods, and the role of Diving Area Authority.

1985 - 1989:

Offshore Fire Training Centre, Montrose

Fire Instructor Grade A

Responsibilities involved practical and theoretical instruction on the complete range of courses for all levels of personnel, which included: Advanced fire team training, helicopter fire fighting, gas and chemical hazards, drilling incidents and specialised rescue work. Lead Instructor on the Fire Control Course concerned with the pre-planning and emergency control problems for managers. After the Piper incident was key influence in the need to introduce new levels of training and selection of emergency command personnel. Responsible for development of most training content and exercise scenarios at the outset of this requirement for the industry. Developed and ran the first integrated Command Team / Fire Team exercises. Completed a three-month assignment of advanced instruction in the Gulf State of Qatar, involving offshore, onshore and associated petrochemical operations. Evaluated and reported on the condition of fire and safety provisions at these locations. The success of this assignment led directly to key personnel being sent for further one to one development training of Kuwait and Qatar nationals for senior positions, and establishment of long-term training commitment.

1976 - 1985:

Central Region Fire Brigade, Scotland.

Sub Officer

Duties included station administration and the supervision of operational personnel. In charge of first line and specialist appliances. Area of operations covered a variety of fire risks, notably the major petrochemical complex and port of Grangemouth. Incidents attended included fire fighting and rescues from domestic buildings, ships and major incidents in the petrochemical industries. Specialised in rescues from traffic and industrial accidents. Extensive work with the Specialist Support Unit covered breathing apparatus control, decontamination and chemical handling equipment, salvage work, emergency generators, hydraulic and pneumatic rescue equipment.

PERSONAL DETAILS

Date of birth: 10th March 1957, Bridge of Allan, Scotland.
Nationality: British.
Health: Good.
Interests: Walking, Dog Showing (Crufts), Cycling, Golf, Photography.
Driving Licence: Full licence to Heavy Goods Vehicle class CC.

EDUCATION

DOLLAR ACADEMY
Dollar, Clackmannanshire, Scotland.

Scottish Certificate of Education Ordinary Grades:
ENGLISH, GEOGRAPHY, ARITHMETIC, MATHEMATICS,
ENGINEERING DRAWING, CHEMISTRY and PHYSICS.
Higher Grades:
ENGLISH, ENGINEERING DRAWING, ART and DESIGN.

FIRE BRIGADE COURSES

Qualified Sub/Officer with various operational Fire Brigade courses, including:
Fire Prevention, Special Appliances, HGV Driving and Junior Officer's Courses.

OIL INDUSTRY

Intelligent Safety – TAQA
Quality Management – Internal Auditor Qualification
Advanced Safety Leadership – Safety Observations and Conversations
Explosives
Integrity Management
Incident Investigation and Root Cause Analysis
OSHA Reporting
Stress Management – Primary Certificate.
DuPont Safety Leadership.
PUWER Assessor.
Move Smart.
OIM Regulations.
Management of Major Emergencies / OIM Assessment.
Positive Power and Influence.
Commitment, Action and Results.
DuPont Managing Safety course.
LMC Team Development course - Challenge Andrew.
STOP Leaders course.
D32 Assessor.
Introduction to Offshore Exploration, Drilling and Production.
I.O.S.H. Foundation course.
Interpersonal Communications.
Offshore Safety Representatives Course.
Petroleum Tanker Safety Course (DoT Dangerous Cargo Handling Endorsement).
Safe Handling of Explosives.
Fire Control Course.
Fire Leader's Course.
COSHH Regulations.
COSHH Risk Assessor.
Safe handling and Cleaning of Hardware Contaminated by Radium 226.
PTW Area Authority.
Radiation Protection Supervisor.
Helicopter Landing Officer / Helicopter Refuelling Course.
Drager BA Care and Maintenance course.
Flammable and Toxic Gas Testing.
Skyscape Instructor.
Marine and CAA Airband VHF Licences.