

Mohamad Khairul Izat Bin Alias

6545, Jalan Dato Permaisuri 5,
Permyjaya, 98000 Miri, Sarawak,
Malaysia

mkhairul@live.com
+6 014 – 698 8604
DOSH Reg. No : JKKP IS 127/438/02/5302

SUMMARY

Experienced HSSE and Operation professional with a demonstrated history of working in the oil & energy industry for close to 17 years with 14 years managing HSSE supporting different line and 3 years managing WPSE process for upstream operations.

Highly skilled in HSSE Management Systems, HSSE Regulatory Compliance & Auditing, Safety Leadership & Behavioural Safety Programs, HSSE Performance Reporting & Analysis, Incident Investigation via Causal Learning & Reasoning, Operational Safety, Contractor Management and Competence Development.

Strong operation professional in Maintenance Execution and highly skilled in WPSE application and processes, AMS ESP and ME, IAP, Material Management, CMMS and SAP proficiency.

Exposures includes Marine services and fabrication, Engineering Projects and Maintenance, Major construction onshore and offshore, commissioning and start-up (Workbarges/Workboats), Operations Readiness and Assurance, Upstream Maintenance and Operations, Plant/Facility Turnaround, Managing Contracts, Drilling, and Project to Asset Handover.

WORK EXPERIENCE

Offshore Safety Officer F23-A

Sarawak Shell Berhad (Sept. 2020 – present)

- Developed a site focus HSSE Plan integrating AMS ESP & ME operation deliverables and translated into a dashboard for ease of monitoring and implementation.
- Champion Process Safety Fundamentals initiative by replicating and improving best practices and culture from Deepwater operation.
- Collaborated with Learning Team to developed and standardize use of Competence Management System for monitoring and planning of HSSE Critical Position and competency
- Improved digitalization initiative (ACT/Sphera, FSFS, LOD1, PSF LOD1, PTW Level 3, etc.) for F23
- Coaching and advice on AMS ESP and ME process to F23 operation team
- Leading the roll out of Sphera replacing eACT garnering buy in from all workforce and supporting Permit Vision roll out via continuous coaching and mentoring.
- Lead the review and update of all F23 expired/expiring procedure by collaborating with subject matter experts to ensure fit for purpose procedure available for operations (F23 Operations HSE case, F23 Regulatory Compliance Register 2022, F23 Environmental Aspects & Impacts Register, F23 Emergency Response Procedure, F23 Severe Weather: Personal Evacuation Procedure).
- Instill deeper understanding of IOGP LSR and Step 7 and assure full effective implementation on site.
- Planned, strategized, and collaborated with workforce, LnD and various Training Provider to systematically closing the gap for HSSE Competence and Critical Training and FLBM due to COVID19 restriction.
- Leading the LOPC Management (FSFS, LDAR, FEFE, FLIR) achieving healthy ratio of leak findings against fixed / Z1 raised (104 findings / 101 fixed or Z1 raised) by ensuring accurate monitoring and transparent own developed database feeding live info to Asset Integrity Engineer.
- Site representative for HAZID, HAZOP, HRA, Hotwork Risk Assessment, etc. to support and ensure campaign/TA execution is done safely.

- Collaborated and leading in development of Sphera, TrackIT, & Safehelideck cloud based system for Simplification and Digitalisation replacing current Operation Training Matrix & ACT reporting.

Malikai Offshore Safety and Health Officer

Sabah Shell Petroleum Company (Shell Malaysia Exploration & Production) (Nov. 2018 – Sep 2020)

- Prepared and organized MSOSH Award Audit 2020 for Malikai
- Developed focus site HSE Plan for Malikai and established new tracking mechanism for site HSSE Plan deliverables.
- Developed and implementation of PSF and PCD LOD 1 in online format.
- Pioneered and established Bilik Gerakan Covid for MLK to manage crew movement and disseminate latest info and arrangement for business stability (crew interview, roster review for minimum critical position, managing crew anxiety, etc)
- Collaborated with LnD and Capability Team for development of Competence Management System as standard tools for managing, monitoring and planning of HSSE Critical Training for HSSE Critical Position
- Integration of PSF into Bottom-ups Learning and Refresher for upskilling of staff including getting business partner to participate in doing sharing with assisted coaching.
- Coaching, advised, and established best practice in PSF culture and for Malikai operation and contractors through PTW implementation and integration into routine operation activities and pilot engagement with Shore team for sharing of best practices and cross learning.
- Collaborated with shore team in piloting and development of Cumulative Risk Visualization Tools including integration into operation activities.
- Collaborated with IT and operation Team in development and deployment of e-PTW (Permit Vision) for Malikai Operation.
- Coaching and advice on AMS ESP and ME process to Malikai operation team

Malikai Work Preparation Engineer

Sabah Shell Petroleum Company (Shell Malaysia Exploration & Production) (Sept. 2015 – Oct 2018)

- As site representative to manage Project to Asset handover encompassing material handover, PM/CM, and procedural compliance.
- Established and setting up of WPSE process for Malikai operation from point of Project to Asset Handover.
- Ensured compliance and implementation of MIE process and requirement by Operation teams and establishing standard with onshore Maintenance teams in execution of Maintenance planning and processes.
- Established Material Management process between Material Management Team (onshore - LSB) and operations and collaborated with Material Management Team in preparing Malikai operation BOM database completion.
- Advised and Coaching of operation teams to establish best in class WPSE process and Material Management contributing to Malikai operation top quartile performance in BOM utilization and CM/PM compliance
- Continuous improvement of operation PM/CM task to suit operational requirement.
- Developed and established stocking strategy for Malikai critical spares and staging process

HSSE Advisor

Sarawak Shell Berhad (Shell Malaysia Exploration & Production) (Sept. 2012 – Sept. 2015)

- Initiate and update HSSE plan.
- Compile HSSE performance data and analyses – trending, benchmarking, root causes.
- Develop HSSE improvement plans. Utilize the new ALARP framework to establish HEMP deliverables. Conveners of HSSE committee meetings (but not the admin.).
- Develop and facilitate Line to roll out HSSE campaigns. Communicate HSSE performance to Line, Management and Group through reports and Leadership meetings.
- Update HSSE training matrix requirements for HSSE critical roles and advise on compliance.
- Organize and facilitate HSSE related training and workshops (technical & behavioural change programmes).
- Review and ensure fit for purpose contractor's HSSE documents.
- Provide Environmental 'coaching' and support, including technical expertise and interpretation of compliance requirements to enable Line to meet regulatory compliance & Shell standards.

- Provide Safety 'coaching' and support, including advise on applications of standards and procedures pertaining to HSSE. (e.g. permit to work, lifting and hoisting, confined space, Asset Integrity and Process Safety Management).
- Performing formal HSSE assessments (e.g. plant change requirements, impact on safe guarding system, SIMOPs).
- Facilitate in Incident investigations, including Tripod analysis.
- Monitor standards for relevant HSSE critical elements and performance standards (e.g. lifesaving equipment, process containment, fire protection).
- Perform Contractor qualification assessment, bid evaluation and thereafter participate in the review and monitoring of the contractor HSSE plan and bridging documents.
- Provide Security 'coaching' and support services (to ensure barriers commensurable with risks). Facilitate Health 'coaching' and support services (to ensure alignment with Line needs, and to facilitate change management of improvement drives).
- Provide HSSE support for CAT3 activities (e.g. Hook-up and Commissioning, Topside Major Maintenance, Marine Logistic, Fabrication)
- Managed, advice, and coaching of HSSE implementation for Production Construction Services (PCS) including Contractors.
- Collaborated with HSSE Central Teams to support PCS workbarges/workboats campaign (e.g. Hook-up and Commissioning, Topside Major Maintenance, Marine Logistic, Fabrication) and ensuring compliance and improvement to HSSE initiatives and requirement.
- Collaborated with support services (e.g. Marine & Aviation, Logistic Dept, Fabrication activities) in workbarges/workboat management for HAZOP, HAZID, SIMOPS & SSP, and work scoping/work packing process.
- Leading Transition Team in HSSE for transition of major Hook-up and Commissioning Contractor via onboarding process and guided new Contractor's organization in compliance with all contractual requirement.

Offshore HSSE Officer (Topside Major Maintenance/HUC)

SapuraKencana Petroleum (June 2011 – August 2012)

- Provide advice and guidance on Health, Safety and Environment matters at all levels of the Company's operations. This includes construction activities, technical audits and the formulation of HSE procedures and departmental HSE programmes.
- Provide a point of contact with line departments and where necessary other Authorities concerned with Occupational Safety, Health and Environmental protection matters.
- Liaise with line departments to ensure that adequate HSE trainings are provided to all employees for efficient and a safe operation.
- Monitor HSE statistics and trends and identify areas for improvement.
- Liaise with relevant Government Authorities, Statutory bodies, Clients and other industries to prepare / revise relevant HSE legislations.
- Provide advice to all sections of the Company and Contractors on matters pertaining to environmental conservation, and to monitor environmental conditions throughout the operation.
- Ensure emergency services are suitably equipped and manned to deal with eventualities within the Company's operations.
- Provide HSE auditing and audit leadership service to the Company.
- Maintain, improve and update HSE Management System (HSE – MS) and Company HSE Policies.
- Set out overall Company HSE Plan and monitor / implement / coordinate all programs spelled out in the plan.
- Conduct / Lead daily Toolbox Meetings & site inspection.
- Prepare & submit HSE activities report (daily, weekly, and monthly).
- Advice and coaching of Offshore Construction Team HSSE standard and practices for construction activities and campaign.
- Monitor and implement HSSE requirements and standards during campaign execution.
- Established standard in Training Matrix and ACT database and monitoring process and support to implement across all workbarges/workboat

HSSE Advisor (HSSE Lead)

Wehaya Sdn. Bhd. (October 2008 – June 2011)

- Implement and maintain of safety plans, policies, rules and regulations that eliminate or minimize accidents or incidents.

- Ensure project safety standards are effectively implemented and maintained in the project team operation.
- Conduct monthly HSSE meeting with staff
- Provide training and formulate awareness programs for all employee.
- Carry out HSSE audit, surveillance and performance monitoring to ensure safe practice are effective.
- Record and report directly any unsafe situations and actively identify potential risk and danger areas.
- Perform accident or incident investigation quickly and properly for immediate reporting to all management.
- Provide effective leadership to the organization in ensuring consistent achievement of corporate goals and objectives with respect to HSSE
- Lead the development preparation and maintenance of Company's Health and Safety Environment Management System (HSEMS & HSEPM), policies, procedures, guidelines, and instruction required to ensure effective implementation and compliance with Occupational Safety and Health Act (OSHA) 1994, Environment Quality Act (EQA) 1974 and other related HSE Acts and Regulations.
- Support projects in ensuring that project specific safety, health and environment systems are developed, documented, and effectively implemented.
- Provide guidance to Company and all applicable contractors or sub-contractors in maintaining a safe and healthy working environment and conditions, meeting applicable laws, Acts and Regulations or other clients HSSE requirements.
- Coordinate HSSE awareness and training programmes.
- Act as Company's focal point on HSSE matters, interfacing with external organizations such as DOSH, DOE, local authorities, oil and gas companies and its subsidiaries.
- Lead the planning and development of HSSE inspections and audit programmes.
- Implement, conduct and enforce HSSE rules and regulations under ISO standards, plans and procedures.
- Prepare HSSE report to management on safety, health, environment & security issues, audits, inspections, accidents or incidents investigation, and Company's HSSE performance.
- Liaison with Company's consultant and coordinate on maintaining ISO 9001:2000
- Provide guidance and supervision to lead all sections pertaining the company HSSE , ISO quality and maintenance system.

HSSE Assistant

Sealink International Bhd. (June 2006 – September 2008)

- As a team member which responsible for implementing and ensure vessel and office complies with the HSE Policy and HSE Plan.
- Conducting HSE briefing and training in appropriate area such as Proactive Intervention Culture, HEMP, & You See You Act.
- Promoting and implementing of Company's SMS.
- Assist in conducting of ISM Internal Audit on vessels.
- Assisting DPA in ISM Internal & External Audit, Annual DOC Audit and closing of corrective action.
- Attended and familiar with charterer's seminars, workshops, training and meeting.
- Participating in SMS review and HSE Meeting

Customs Officer

Royal Malaysian Customs Department (Feb 2006 – May 2006)

- Administration of nation's tax policies and border enforcement.

EXECUTIVE MASTER IN MAINTENANCE MANAGEMENT

▪ 2014 – 2016

ASIA eUniversity

DIPLOMA IN OCCUPATIONAL SAFETY AND HEALTH

▪ 2006 – 2008

Fajar International College

NEBOSH LEVEL 3 CERTIFICATE IN OCCUPATIONAL SAFETY & HEALTH, NGC

▪ 2007
NEBOSH

SKILLS / LANGUAGE

Incident Investigation / Causal Learning & Reasoning
Competence Management System, Frontline Barrier Management
HSSE Critical Position Training & Competence
SAP/CMMS Proficiency
HAZOP, HAZID, IPOP, TA/SIMOPS, IAP
Asset Management System Ensure Safe Production, Maintenance Execution, & HSSE
Contract/Contractor Management
Process Safety
Microsoft Office Proficiency
Critical Conversation Communication
Frontline Operations
English proficiency