

Over 14 years' broad experience across the management, engineering, maintenance and HSE aspects of fuel and LPG receiving, storage, delivery, and retail operations. Well versed in the areas of operations planning, cost and project management, maintenance implementation as well as adapt in conducting engineering design and development for plant and retail facilities. Known as a self-driven and determined professional with the capacity to lead and motivate teams.

CAREER HIGHLIGHTS

- Lead the development of the proposed Kuantan Bulk Fuel Terminal Project with a capacity of 41,000 m³ with an estimated worth of RM 90 million.
- Successfully championed the upgrading works of the fire-fighting system including construction of 2 units of fire water storage tanks as well as installation of 3 units of fire water pumps, foam injection piping along with hydrant and sprinkler control system valued at RM 11.5 million.
- Leading the construction of a new oil storage tank with a capacity of 7,650 m³ worth RM 9.0 million in a live operating plant.
- Spearheaded the installation of mobile additive injector system at outpost depots within a space of 4 months with a cost of RM 1.6 million compared to the proposal of RM 7.2 million.
- Played an immense role in leading the RM 5.41 million introduction of Palm Oil Methyl Esther (POME) into Diesel (Bio-Diesel Project).
- Instrumental in planning and completing major repair works of the fuel product main suction and delivery pipeline at company's oil facility worth RM 2.8 million with zero operation disruptions.
- Conducted requalification of storage tank No. 10 to API 653 specifications using the partial tank jacking method worth RM 1.25 million.
- Reconstructed and recommissioned various retail service stations ranging from RM 1.0 million to RM 3.0 million.

WORKING EXPERIENCE

Boustead Petroleum Marketing Sdn Bhd

• 2010 – Present

Terminal Manager – LPG (2021 – Present)

- Manage the entire LPG plant operations encompassing safety, efficiency, finance as well as investments towards delivering set operational objectives.
- Monitor and ensure safe receiving, storage, and delivery of LPG product to product specifications, package, and quantity.
- Formulate and implement good governance of LPG terminal operation towards strengthening the bottom-line results.
- Oversaw facilities and equipment maintenance, operational audits, administration, and performance reporting.
- Lead the gathering and reporting of product lifting and exchanges, product variation, manpower planning.
- Identify and implement a myriad of cost and process enhancement initiatives for the facility.
- Coach and provide feedback towards the team members for better work performance improvements.

Senior Project Engineer (2019 – 2021)

- Serve as the authority and subject matter expert in rendering insights on all plant related technical matters.
- Conduct technical and commercial evaluation as well as feasibility studies in providing recommendations for new technical investments.
- Lead the technical, commercial, and project management of various engineering works and design projects.
- Perform development of engineering design, calculation, and technical specification as well as review of technical proposals and equipment selection while providing technical advice and recommendations for various engineering systems.
- Carry out job specifications and contract documents preparation, workflow planning, HIRARC, PHSER, MOC, development of cost estimates and monitoring.
- Monitor the performance of appointed contractors and service providers based on set indexes.
- Coordinate activities between contractors, suppliers and internal departments while liaising with the authorities on submission approvals and licensing.
- Enforce and strengthen the HSSE requirements throughout the implementation of the project works.

HSSE Engineer (2017 – 2018)

- Led the development and implementation of the HSSE Management System while rolling out effective strategies in enhancing HSSE culture and performance.
- Coordinated HSSE audits and inspections to identify system deficiencies, operational hazards and risks while ensuring swift closure of all findings.
- Served as key member of Emergency Response Group in planning and coordinating emergency response exercises.
- Conducted formal incident investigations while liaising closely with internal teams, contractor, suppliers, and business partners to provide technical advice and support on HSSE issues.

Maintenance Engineer (2011 – 2017)

- Performed an array of maintenance, engineering design, project management and commercial management at the plant facility.
- Carried out development of engineering design, calculation, technical specifications, drawings along with technical proposal with equipment selection while providing engineering advice to other disciplines.
- Led end-to-end project management activities including planning and execution, stakeholder coordination, supplier, and contractor performance monitoring along with progress reporting while liaising with local councils for submission approval and licensing.
- Performed cost estimates preparation, as well as CAPEX and RAVEX monitoring.
- Reviewed and ensured excellent performance of appointed contractors and service providers.
- Established and executed the preventive maintenance schedules for various equipment and systems in line with legislative requirements, best practices, and applicable standards.
- Planned the sequence of repair works while reviewing the quality of completed maintenance work.
- Led the implementation of Safety Program while updating the HSSE database including DAFWC, incidences and near miss reporting.
- Enforce and strengthen the HSSE requirements throughout the operations including safety induction, work permit system, job safety analysis and emergency response plans.

Development Engineer (2010 – 2011)

- Performed preparation of design during the initial development stages of the retail service stations.
- Led end-to-end project management activities including planning and execution, stakeholder coordination, supplier, and contractor performance monitoring along with progress reporting while liaising with local councils for submission approval and licensing.

- Enforce the implementation of HSSE requirements and practices throughout the implementation of project works.

Muhibbah Engineering (M) Berhad
Mechanical Engineer

• 2007 – 2009

- Oversaw the construction of temporary facilities covering work planning, material, manpower and machinery coordination, HSSE adherence along with progress reporting in line with set requirement, quality, and standards.
- Performed review of design drawings and calculations as well as submission of drawings and method statements.
- Coordinated cross-functional teams in ensuring smooth technical and commercial executions.

EDUCATION & AFFILIATION

Master's (M.Eng) In Mechanical Engineering, University of Sheffield | UK (2007)

International Baccalaureate Diploma, MARA College Banting (2003)

Professional Engineer, Board of Engineers Malaysia (No. P110786)

Professional Technologist, Malaysia Board of Technologist (No. PT20100013)

Project Management Professional, PMP®, Project Management Institute (No. 2813751)

Member, Institution of Engineers Malaysia (No. 49971)

TOOLS

Microsoft Office | AutoCAD | ProgeCAD | Draftsight | Open Project/Microsoft Project |

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