



CONTACTS



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SKILLS

Computer Skills

Microsoft Office (Word, Excel, Powerpoint, Project), Primavera, SAP, AutoCAD, Naviswork, Ansys, SOLIDwork

LANGUAGE

Malay – Native
English – Fluent

MOHD NAIM BIN ZAKARIA

An experienced professional with a demonstrated history of working in the oil and gas industry. A Certified Planning Engineer capable of operating across a broad technical spectrum with the ability to autonomously manage multiple simultaneous scopes of work, while also incorporating a holistic perspective in technical, commercial and schedule aspects. Demonstrated ability in effective management teams to achieve measurable results within a deadline driven environment. Much of work background are related to BED/Pre-FEED, EPC, maintenance planning, and turnaround management of refinery. Execution of projects entailed coordination of civil, piping, electrical, instrumentation, process, procurement, cost control and engineering technical support at site. Seeking a challenging position that offers exposure to exciting opportunities and maximum potential for career development in the oil and gas industries.

EXPERIENCES

SENIOR MECHANICAL ENGINEER

Dec 2022 - Present

MALAYSIA PROJECT TEAM

ECOCERES RENEWABLE FUELS SDN BHD

MENARA JLAND / TG. LANGSAT JOHOR

- Responsible for OSBL Mechanical related matters for the MLY Project
- Responsible to guide Design team in China related to DOSH requirements and authority permitting prior to kick start the project.

TECHNICAL & MECHANICAL MANAGER

November 2022

TECHNICAL & MAINTENANCE DEPARTMENT

DIALOG LANGSAT (1) TERMINAL SDN BHD

TG. LANGSAT, JOHOR

- Lead a group of technical & maintenance group which consists of 12 people in total.
- Responsible for Preventive & proactive maintenance by ensuring it is done as per schedule.
- Lead for new project development & execution based on commercial and customer needs.

MECHANICAL / PROJECT LEAD ENGINEER

MAJOR PROJECT – ULTRA LOW SULFUR ADO (ULSADO)

Dec 2018 – Oct 2022

PETRON MALAYSIA REFINING & MARKETING BERHAD

PORT DICKSON REFINERY

- Responsible as Mechanical / project engineer for the construction of the new diesel hydrotreater Plant to meet Euro 5 specification with project cost budget USD 135M.
- Evaluation of sub vendor pre-qualification, technical bid evaluation (TBE), material requisition and material approval request prior to utilization
- Review of engineering deliverable for piping and static equipment.
- Lead in piping tie-in into existing plant from OSBL and power termination for new sub-station during plant shutdown.
- Responsible on system mechanical completion books prior to issuing of mechanical completion certificate by Project Manager
- Support pre-commissioning team for process system pre-commissioning activities
- Successfully led for N2HE leak test on critical system and repair of leaks to ensure safe commissioning and ready for startup (RFSU)

PROJECT LEAD ENGINEER

Feb 2017-Nov 2018

PETRON MALAYSIA REFINING & MARKETING BERHAD

PORT DICKSON REFINERY

- Responsible for yearly refinery CAPEX planning & budgeting.
- Determines project responsibilities by identifying the project phases and assigning personnel to each phase.
- Responsible for planning for capital phasing and capital cash flow.
- Monitor actual vs commitment vs plan for refinery capital project and report to business planning group.
- Monitor and keep track of all refinery project progress. Responsible for fixed asset registration upon project completion and closure.

WORK PREFERENCES

Relocate/Travel: Flexible

Availability: 2 month

REFERENCES

References available upon requests.

PROJECT ENGINEER

Aug 2015-Jan 2017

PETRON MALAYSIA REFINING & MARKETING BERHAD

PORT DICKSON REFINERY

- Responsible in executing Petron Port Dickson Refinery CAPEX projects as assigned by the Project Lead Engineer.
- Developed project objectives by reviewing the project proposals and conferring with Petron Management.
- Determines project responsibilities by identifying the project phases and assigning personnel to each phase.
- Determines the project work scope by studying the product design, process and technical requirements based on Exxon Mobil Global Practice and other applicable regulatory requirements.
- Responsible in successfully delivering all the CAPEX projects assigned by close monitoring the project budgeting cost whilst ensuring sufficient balance to project schedule and objectives.
- Ensuring the project execution and commissioning conforms to approved design documents, and other Petron's standards.
- Conducting risk assessment for project tie-ins and commissioning, as necessary, to ensure the project handover is done smoothly and in a safe manner.

ASSISTANT TERMINAL MANAGER / D&P

Feb 2013 – Jul 2015

SITE CONTACT ENGINEER

PETRON MALAYSIA REFINING & MARKETING BERHAD

DISTRIBUTION & PIPELINE, PORT DICKSON TERMINAL

- Support day-to-day operation activities for Port Dickson Terminal.
- Responsible for terminal 5 years CAPEX master plan for Port Dickson Terminal.
- Lead in development and execution for terminal project. Monitor and update project status, project cash flow to engineering lead and terminal manager.
- In-charge for terminal maintenance programs for LPG bottling plant, Product storage tank & piping, Tank Truck Loading Rack and LPG Bulk receiving facility.
- Ensure timely completion and project closure.
- Seconded to refinery major project department for Multi Product Pipeline Phase 2 project (Pre-FEED, FEED & EPC). Monitor and update MPP-II project status, cost and any deviation of contract to construction manager and project executive.

PROJECT ENGINEER

Jan 2010 - Jan 2013

TECHNO MATRIX RESOURCES SDN BHD

- Assist operation director and project manager for commercial and technical tender submission.
- Responsible for project execution plan preparation.
- Monitor site activities and update to project manager.
- Prepared of project daily and monthly status to client.
- Prepared of progressive claim to client upon achieving project milestone.
- Responsible for cash flow of the project and subcontractor claim.
- Responsible for timely and safely project handover to client with profitable project margins.

EDUCATIONS

M.ENG MATERIAL & TECHNOLOGY

2015 - 2017

UNIVERSITY OF MALAYA, (UM) MALAYSIA

B.ENG MECHANICAL ENGINEERING WITH MANUFACTURING

2006 – 2010

UNIVERSITI MALAYSIA PAHANG, (UMP) MALAYSIA

CERTIFICATIONS

- Certified Planning Engineer by American Academy of Project Management
- Registered Authorized Gas Tester and Entry Supervisor with DOSH
- Certified as Authorized entrant and standby person
- CSWIP Visual Welding Inspector

PROFESSIONAL ASSOCIATIONS

- Member of the Institution of Engineers, Malaysia (IEM)
- Member of the Board of Engineers Malaysia (BEM)

PROJECT EXPERIENCED LIST

YEAR	PROJECT NAME	DETAILS OF PROJECT
2019	Ultra-Low Sulphur Automotive Diesel Oil (ULSADO) Project	<ul style="list-style-type: none"> • New processing unit to meet Euro5 specification which consist of design, fabrication and installation of Diesel Hydrotreater unit, Sour Water Stripper Unit, Bio-Sulphur Recovery Unit, new substation and new 33KV main station unit.
	Turnaround 2018 Capital Program	<ul style="list-style-type: none"> • 11 units of in-kind Tube Bundle Replacement • 1 units of new shell & tube fabrication • 2 units of in-kind air finned cooler replacement • Engineering package for turnaround piping modification • T-3012 Kerosene stripper unit upgrading – Inconel 625 overlay and tray (sieve & rectangular tray) replacement.
2018	New Vacuum Truck Purchasing	<ul style="list-style-type: none"> • Purchase of New Vacuum Truck to replace old vacuum truck complete with vessel design and fabrication
	FEED for TK-18 LSWR upgrading	<ul style="list-style-type: none"> • Front End Engineering Design for TK-18 alteration and repairs. • Design change on sketch plate type to annular type. Fixed cone roof to Aluminum Geodesic Dome roof.
	New Service Water Line replacement for Onsite	<ul style="list-style-type: none"> • Replacement of badly corroded service water line in onsite unit.
2017	T-1001A Independent High-Level Alarm installation	<ul style="list-style-type: none"> • Installation of IHLA on Tower T-1001A as part of HAZOP closure action items.
	TK-2055 HVN Maintenance & Repair Works	<ul style="list-style-type: none"> • Tank Cleaning & Hydrocarbon free of one of refinery Naphtha tank prior to maintenance. • Out of service inspection program which cover UTTM, MFL, Vacuum Box Test & tank settlement survey • Roof Seal replacement - Primary and Secondary Seal. • Patching on thinning plate based on MFL scanning report.

		<ul style="list-style-type: none"> Closure of Offsite inspection report recommendation items.
	E-2162 & E-3109 Tube Bundle Replacement for SQUAT 2017	<ul style="list-style-type: none"> Replacement of 2-unit in-kind tube bundle during mini shutdown (SQUAT 2017)
	Sphere Tank Maintenance & Repair works (OSS-8006)	<ul style="list-style-type: none"> Sphere Hydrocarbon free & cleaning. Out of service inspection program Offsite inspection report recommendation closure Certificate of Fitness (CoF) Renewal
	Sphere Tank Maintenance & Repair works (OSS-8002)	<ul style="list-style-type: none"> Sphere Hydrocarbon free & cleaning. Out of service inspection program Offsite inspection report recommendation closure Certificate of Fitness (CoF) Renewal
2016	TK-6056 MTBE Maintenance & Repair Works	<ul style="list-style-type: none"> Tank Cleaning & Hydrocarbon free of refinery MTBE tank prior to maintenance. Out of service inspection program which cover UTTM, MFL, Vacuum Box Test & tank settlement survey Roof Seal replacement - Primary and Secondary Seal. Patching on thinning plate based on MFL scanning report. Closure of Offsite inspection report recommendation items.
AUG 2015 – DEC 2016 (PERMANENTLY TRANSFERRED TO REFINERY)	WIN Project	<ul style="list-style-type: none"> TK-20 Conversion from UL95 service to UL100 service which cover new roof seal installation, new bottom plate coating, mixer refurbishment. New piping works from tank discharge nozzle to Port Dickson Terminal Suction pump
DEC 2013 – JUL 2015 (SECONDED TO REFINERY AS DIST. REPRESENTATIVE)	Multi-product Pipeline Phase II (MPP-II)	<ul style="list-style-type: none"> Design and construction of new Mogas Tank to cater for mogas ingress via Multiproduct pipeline to KVDT Piping erection for mogas blending, marine import, inter-tank transfer & suction line for new tank New Suction line from pumping station PMPS to existing ADO tank
FEB 2013 – DEC 2013	Misc. Projects for Port Dickson Terminal & FEED for MPP-II Project	<ul style="list-style-type: none"> New Additive Injector Installation and commissioning New Sprinkler system for KOSAN LPG bottling plant Jet A1 self-cart recommissioning project Weighbridge refurbishment Project LPG Bulk Loading refurbishment & recommissioning
2010 – JAN 2013	Various project handled during tenure years with Techno Matrix Resources	<ul style="list-style-type: none"> Boiler feedwater pump & piping erection for Petronas Fertilizer Kedah. Tank (Mogas) Maintenance & Repair for BHP Terminal, North Port, Port Klang. Biodiesel Project for ESSO Port Dickson Terminal, Port Dickson. Tank Cleaning (Diesel) for Northern Utility Region Power Plant (NUR), Kulim Tank 2 Jet A1 maintenance & repair works at Shell (M) Trading, Bagan Luar Installation.

