

## MUHAMMAD FAIZ FITRI BIN NORMAN

*Bachelor of Mechanical Engineering (Hons.)  
University of National Energy (UNITEN)*

### Contacts:

Mobile : 0111-539 3658  
Email : faizfitri.norman@gmail.com

### Home Address:

Butterworth, Pulau Pinang

### LinkedIn:

[www.linkedin.com/in/faizfitrinorman](http://www.linkedin.com/in/faizfitrinorman)

**AVAILABILITY : TWO (2) MONTHS' NOTICE**



### PROFILE SUMMARY

Experienced professional with demonstrated history of working in Oil and Gas Downstream (Refinery, Petrochemical and Fuel Distribution Marine Terminal) as well as Power (Utilities) industries.

Lead Major Projects and Turnaround/Shutdown/Outage activities with Major Clients (e.g., Petronas Chemicals Group, Petron, Lotte Chemical Titan and Malakoff Tg. Bin Power Plant) involving static and rotating equipment such as Storage Tank, Pressure Vessel, Piping/Pipeline, Boiler and Pumps.

Business acumen oriented with good track of record in managing operational activities whilst ensuring efficiency at its best, cost optimization and maximum Return of Investment (ROI).

### WORKING EXPERIENCES

- **Petron Malaysia Refining and Marketing Berhad, Bagan Luar Terminal**
  - **Assistant Terminal Manager, Supply & Distribution Dept. (November 2019 – Present)**
    - Responsible for the receiving, storage and distribution operations of bulk petroleum products whilst ensuring all safety, quality, quantity standards and specifications are met in a timely manner (on time, on spec, in full).
    - Oversee asset integrity and management of terminal, delivery facilities and equipment to ensure sustainable reliability including production performance monitoring and analysis, equipment or plant downtime analysis and maintenance.
    - **Site Contact Engineer (Project)** - Execute, manage and tracks engineering projects in terminal and to ensure timely completion in accordance with standards and guidelines, safely and flawlessly.  
**Project Involvement:**
      - i. Jetty Hydrographic Survey and Dredging works
      - ii. JIG Jet Fuel FWS Inspection and Audit by Total Energies
      - iii. HAZOP Study for B20/B30 Biodiesel Project
      - iv. ADO Diesel Euro5 Transition
      - v. Jetty Capacity Uprate (Inspection, assessment and engineering study)
      - vi. Tankage and Marine Pipeline Inspection and M&R program
      - vii. DOSH Transporting Pipeline Permit-to-operate
    - **Assistant Integrated Management Representative (IMS)** - Develop and maintain ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 implementation.
    - **Petron Operations Integrated Management System (POIMS) System 9 Administrator** – Incident Investigation and Analysis System Administrator for whole Petron Terminals.
    - **Quality, Safety, Security, Health and Environmental programs** – Lead and coordinate Loss Prevention System, Annual Independent Inventory and Oil Loss Verification, MPC 5S/QE, MSOSH, Prime Minister Hibiscus Award (PMHA), Malaysian Sustainable Palm Oil (MSPO), Noise Risk Assessment (NRA), DOSH PMT certificate renewal, Control of Industrial Major Accident Hazards (CIMAHA), Chemical Exposure Monitoring and International Ship and Port Facility Security (ISPS).

- Appointed as Petron Terminals Subject Matter Expert (SME) for High-risk Operation in Working at Height as well as Incident Investigation and Analysis.
- Assumes the responsibilities of the Terminal Manager during his absence.

- **Petron Malaysia Refining and Marketing Berhad, Port Dickson Refinery**

- **Project Engineer, Mechanical & Construction Dept. (December 2018 – October 2019)**

- Prepare budget, maintain the cost management and work closely with stakeholders to perform analytical reviews, cost status, and forecast updates.
- Establish schedules, monitor project progress, recommend innovative solutions, and steer issues to resolutions.
- Coordinate and oversee contractor selection, contractor evaluation, project performance, and project close-out.
- Prepare and present key milestone completions and progress status report to management.
- **Projects Involved:**
  - i. TK-3053 UL97 Pipeline Conversion
  - ii. LSWR Tank 18 FEED, Cleaning and EPC Major Maintenance and Repair Works
  - iii. UL97 Tank 46 Cleaning and EPC Major Maintenance and Repair Works
  - iv. PCC of P-8067 New Caustic Pump and New Aqua Ammonia Pump
  - v. Replacement of PF2 Regen O2 Analyzer
- Provide operational support to other teams as required.

- **Pioneer Engineering Sdn. Bhd. (August 2017 – December 2018)**

- **Engineer – Project Management & Business Development**

- Appointed as Project Manager to Lead, deliver and oversee all activities for two major contracts:
  - i. Provision of Panel Contractors for Minor Construction Work by Petronas Chemicals Group Berhad.
  - ii. Supply various services & supply / rental of material / Consumables / Equipment at Pioneer Teluk Kalong Yard.
- Assisted in the technical & commercial activities for company with ample technical background in Piping/Pipeline fabrication, construction and installation works as well as to manage administrative work for the department.
- **Projects Involved:**
  - i. Procurement, Construction and Commissioning of V-440 Dumping Line.
  - ii. Ground Study for 7th Furnace.
  - iii. Provision of General Mechanical Works for Fabrication and Installation of Pipeline Integrity Program Enhancement (PIPE) Phase 2.
  - iv. General Mechanical Package #1: Piping System Improvement
  - v. Procurement, Construction and Commissioning of RJV Column and Nozzle.
- **Major Achievement** – Successfully secured three projects with the overall estimated cost around RM2.6mil and estimated ROI of RM400k (15%).

## EDUCATION BACKGROUND

2012-2017	<b>University of National Energy, Putrajaya Campus (UNITEN)</b> <b>Bachelor of Mechanical Engineering (Hons.)</b> <b>CGPA: 3.21</b>
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## SKILL

- Microsoft Office (MS Word, MS Power Point, MS Excel, MS Project, etc.)
- Design Drawing: AUTOCAD
- Data Processing: SAP software system (Low Value Purchase Order & Product Inventory Management)
- Visual Studio C++ & Python Programming

**PROFESSIONAL / TECHNICAL CERTIFICATION**

- CIDB Green Card – Construction
- Graduate Member by Institution of Engineers, Malaysia (IEM)
- Professional Technologist in Oil & Gas field by Malaysia Board of Technologists (MBOT)
- API 653 Aboveground Storage Tank Inspector Certification by American Petroleum Institute (API)
- **NIOSH AGTES** (Authorized Gas Tester and Entry Supervisor)
- IMS (ISO 9001, ISO 14001 & ISO 45001) Internal Auditing Certificate

**REFERENCES**

Name : Ruzaini Bohari  
Position : HR Recruitment & Training Supervisor (Petron Malaysia Refining & Marketing Bhd)  
Tel. No. : 03 – 2082 8742