



# MUHAMMAD AKRAM BIN AZALI

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## WORKING EXPERIENCES

### **AA INSIGHT GLOBAL, Melaka, Malaysia**

❖ *Dec 2016 – Present, Full-Time Travel Agent*

❖ *Jan 2016 – Aug 2016, Part-time Travel Agent*

- Liaising with clients in person, determining clients' needs, handling unforeseen problems and complaints, and suggesting suitable travel packages
- Preparing customized itineraries to suit the clients' preferences and budget.
- Preparing promotional materials and marketing the business including online promotional technique
- Organizing travels from beginning to end, including tickets, accommodation and transportation
- Making, confirming and modifying bookings to suit a change in client's circumstances
- Managing budgets, meeting profit or sales targets and keep financial records/documents

### **PETRONAS PENAPISAN (MELAKA) SDN BHD, Melaka, Malaysia**

❖ *Aug – Dec 2016, Trainee Engineer (Internship Program)*

- Process Safety Management Division, Technical Services Department
- Performed adequacy study for Fire & Gas Mapping, Fire Grading Management
- Joined Technical Safety Audit at various unit in PP(M)SB to verify existence condition
- Scriber for Hazard & Operability Study (HAZOP) and Risk Assessment (QRA) using PHAST, PHAPro software
- Planning and involving in PSM relevant trainings and workshops including Management of Change (MOC), Mechanical Integrity (MI), Process Safety Information (PSI), Process Hazard Analysis (PHA), Risk Analysis Assessment and Operating Procedure Practices (OPP)
- Manage for Hazard & Effect Management Process (HEMP) and producing BowTie for major risk using BowTieXP software

### **PETRONAS PENAPISAN (MELAKA) SDN BHD, Melaka, Malaysia**

❖ *Jan – Apr 2013, Trainee Technician (Internship Program)*

- Hydrocracking Division, Production Department
- Manage daily activities of plant operating mode including sampling work, routine check, maintaining process condition.
- Assist Production Operator to perform plant and equipment start up and shutdown activities during Hydrocracker Unit (HCK) Turnaround T/A in Mar-Apr 2013 including performing pre-shutdown, shutdown, pre-startup and commission the process
- Assist Technician to perform Maintenance Multitask job for Instrument and Mechanical including performing Stroke Check on Control Valve, performing regasket, spading and despadding and perform preventive maintenance job at pumps

## **EDUCATIONS & CERTIFICATES**

### **UniKL | Bachelor of Chemical Engineering Technology (Hons) in Process | 2013 – 2016**

Final Year Project: Removal of Aquaculture Pollutants Using Polyethersulfone Membrane Filtration System

- Polyethersulfone (PES) membranes were tested to remove toxic pollutants of Ammonia Nitrogen (Ammonia, Nitrate and Nitrite), Phosphorus and COD in aquaculture water

### **UniKL | Diploma of Chemical Engineering Technology in Process | 2010 – 2013**

Final Year Project: Effect of Initial Cod Concentration and Hydraulic Retention Time in Treating Synthetic Wastewater via Sequencing Batch Reactor (SBR)

- Determine the efficiency of COD removal from wastewater by using different initial concentration of COD and different Hydraulic Retention Time (HRT) in Sequencing Batch Reactor (SBR).

### **NIOSH**

- Safety & Health Officer (SHO) Certificate Programme | April 2017 – May 2017
- Oil and Gas Safety Passport (OGSP) | June 2017

## **SKILLS**

### **Languages**

- Bahasa Malaysia - Excellent spoken and written
- English - Good spoken and written
- Indonesian - Fair spoken

### **Technical – Writing, Safety Act, Drawing, Equipment & Software**

- HIRARC, JSA, HAZOP - Intermediate
- OSHA 1994, FMA 1967 - Functionalities
- HPLC, UV-Vis, FTIR, DR2800 Spectrophotometer - Intermediate
- Microsoft Office (Word, Powerpoint, Excel, Publisher, Outlook, OneNote) - Advanced
- BowTieXP, PHAPro, PHAST - Intermediate
- Aspen Hysys - Functionalities
- Piping & Instrumentation Diagram (P&ID) and Process Flow Diagram (PFD) - Intermediate

(**Technical Proficiency:** Advanced – [highly experience](#); intermediate- [familiar with some basic](#); functionalities; [beginner just started using or learning the skill](#))

## **REFERENCES**

### **Mohd Hamdan Bin Hamzah | Industrial Training Supervisor**

- Process Safety Engineer | PETRONAS PENAPISAN (MELAKA) SDN. BHD | +60137784272  
mohd\_hamdan@petronas.com.my

### **Dr Ng Law Yong | Degree FYP Supervisor**

- Lecturer | UniKL MICET | +60172102294 | nglawyong@yahoo.com