



MUHAMMAD AKRAM BIN AZALI

Melaka Bandaraya Bersejarah, Malaysia | +60103603881 | akramazali@gmail.com

WORKING EXPERIENCES

AA INSIGHT GLOBAL, Melaka, Malaysia

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

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

- Tour guide
- Travel Consulting and Reservations Management
- Preparing promotional materials and displays including online selling online holidays packages and marketing the business
- Logistic Planning and Negotiating, Transport Coordination and Event Planning
- Managing budgets, meeting profit or sales targets and financial records

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
- 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
- Assist Production Operator to perform plant and equipment start up and shutdown activities during Hydrocracker Unit (HCK) Turnaround T/A in Mar-Apr 2013
- Assist Technician to perform Maintenance Multitask job for Instrument and Mechanical

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