

MOHAMAD HADI BIN TAIRIN

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OBJECTIVES

Seeking for a full time job opportunity in challenging oil & gas, chemical & petrochemical, polymer & fertilizer, and waste & water treatment industry where I can use my engineering strengths and skills to fulfill company requirements and benefits

EDUCATION

2010 – 2013	Institution	: Universiti Malaysia Pahang (UMP)
	Course	: Bachelor (Hons) of Chemical Engineering (Gas Technology)
	CPA	: 2.89/ 4.00
	Graduated	: July 2013
2007 – 2010	Institution	: Universiti Malaysia Pahang (UMP)
	Course	: Diploma of Chemical Engineering (Process Plant)
	CPA	: 2.98 / 4.00
	Graduated	: June 2010

INTERSHIP EXPERIENCE

January – June 2010 | Sungai Harmoni Water Treatment Plant Operation and Process Department

- Learned about the water treatment for overall process and to confirm the effluent water has compliance to the standard of Environmental Quality Act.

June – September 2013 | Helcom Engineering Sdn. Bhd. Production Department

- Monitoring production process runs smoothly from beginning to end of the process
- Have a little experience in process tender and procurement.

ENGINEERING PROFESSIONAL TASK

Plant Design Project :

Title : Production of 30 000 Metric Tons/annum of Chlorine gas.

- Study on market survey, latest demand and economic potential of Chlorine gas.
- Study on material & energy balance, process equipment sizing, process control & safety and waste management system.
- Study on economic analysis of plant to find the feasible or not for investment.

Undergraduate Research Project (Final Year Project)

Title : Development of Polyethersulfone–Poly Vinylidene fluoride (PES-PVDF) Thin Film Composite Membrane for CO₂/N₂ Gas Separation.

- To develop PVDF membrane for gas separation.
- To produce thin film composite (TFC) membrane by using Polyethersulfone – Poly (Vinylidene fluoride) (PES–PVDF) polymer as support for CO₂/N₂ gas separation.
- To study the characteristic and performances of TFC membrane.

WORKING AREA OF INTEREST

- High interest in developing career within subsurface disciplines area: Drilling Engineering, Field and Service Engineering, Reservoir Engineering, Well Completion and Production Technology.
- Chemical & Petrochemical industry.
- Waste & Water Treatment industry.
- Polymer & Fertilizer industry.

EXTRACURRICULAR ACTIVITIES

- Member of Chemical Engineering Society Club, CHEST 2007-2013
- Vice President of the Orphanage Program in Johan Setia, Klang. (2007)
- Participant in Basic Course Students Entrepreneurship. (2008)
- President of Logistic in “DKK Industrial Visit” under CHEST. (2009)
- Participant in E-MAST Program. (Collaborated between UMP and BASF-PETRONAS. (2010)
- Secretariat of chemical engineering society club, CHEST. (2011)
- Vice President of Logistic in Annual Dinner CHEST. (2012)
- Active Blood donator.

CURRICULAR ACHIEVEMENT

- Dean List Award for Last Semester in Bachelor (Hons). (2013)

SKILLS

- Malay(written: excellent, oral: excellent)and English(written: good, oral: good)
- Good interpersonal, communication and outgoing individual.
- Excellent time management and committed individual with highly self-motivated, able to work as a team and fast learner.
- Microsoft Office (Word, Power Point, Excel, Publisher, and Microsoft Visio), moderately in using ASPEN PLUS Simulation, Autodesk Inventor Professional 2013, Solid Work, AutoCAD, Polymath and Math Lab.

WORKING EXPERIENCE

November 2013 – Present | Kaikoh Watertech (M) Sdn. Bhd, Cheras, Selangor
Chemical Engineer

- Design and process for waste and wastewater treatment plant for heavy metal industry.

Feb – June 2007 | Hong Leong YAMAHA Motors, Bukit Rahman Putra, Sg. Buloh, Selangor
Operator in production department.

- Knowledgeable in assemble a motorcycle parts.
- Have experience in real working-life and work shift rotation.

SPECIAL TRAINING COURSES ATTENDED

1st – 3th August 2013 | Oil & Gas Enhancement Program-Graduate Employability Management Scheme (OGE-GEMS 2.0: UMP)

Organized by Prestariang Systems Sdn Bhd (PSSB) with funded by Economic Planning Unit.

June 2013 | Oil & Gas Induction Course

UTM-MPRC Institute for Oil & Gas Universiti Teknologi Malaysia (UTM) co-organizer with Kementerian Pendidikan Malaysia

REFERENCE

1. DR. SUNARTI BINTI ABD RAHMAN
Academic Advisor,
Faculty of Chemical & Natural Resources Engineering,
Universiti Malaysia Pahang.
Email: sunartirahman@gmail.com
2. MDM. HAFISAH BINTI RAMLI
Internship Supervisor
Sungai Selangor Phase 1 (SSP1),
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Date of availability: Notify me two (2) weeks before the appointment date.