

ZAKI BIN M. NOH

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IC no. : 890325-01-5831
Age : 24 years old
Gender : Male
Marital status: Single
Race : Malay
Nationality : Malaysian



OBJECTIVE

To obtain a position as an engineer where my knowledge, ability and commitment as a fresh graduate can be fully maximized and at the same time contributes towards self and company development. I am willing to put extra efforts on completing every tasks given to me.

EDUCATIONAL BACKGROUND

- **July 2008 – July 2013**
Universiti Teknologi MARA (UiTM) Shah Alam, Selangor, Malaysia
Bachelor of Mechanical Engineering (B.A Hons)
CGPA: 2.68
- **April 2007 – April 2008**
Kolej Matrikulasi Johor (A-Level), Johor, Malaysia
Major: Pure Science
CGPA: 3.00
- **2005-2006**
Sekolah Menengah Sains Johor, Johor, Malaysia
Sijil Pelajaran Malaysia (SPM) : 7A & 3B

INTERNSHIP EXPERIENCE

Azman Hamzah Plastik Sdn. Bhd (Jan 2011 – Apr 2011)

Responsibilities:

- Learnt to maintain product quality performance on the production line.
- Experienced myself on how to interpretation to the actual working environment.
- Enhance my knowledge and skills for solving the given tasks.
- Learnt to encourage the qualities of integrity, responsibility and self-confidence and the spirit of teamwork during doing the job given.
- Done mould services consists of cleaning and repairing moulds.
- Gaining knowledge about materials used, defects that occur from plastics moulding and also planning process.

1) Final Year Project

Title: A Study On Erosive And Abrasive Wear Characteristic Of 1018 Mild Steel Material Tested With Different Jatropha Blended Diesel Composition.

- The aim of this study is to investigate wear characteristics and effect of Jatropha bio-diesel to mild steel material. The abrasive and erosive wear characteristics to the steel were observed.
- The wear characteristics of the steel can be determined by performing Abrasive Resistance Test and Slurry Erosion Test. The abrasive test was conducted without oil while the erosive wear test was conducted with Jatropha bio-diesel oil with three different blend composition, B5, B10, and B20.
- The mild steel specimens will underwent test within 250 rpm for 10km. The wear rate was determined by measuring the weight of specimen after the test.

2) Finite Element Method

Title: To perform strength and displacement analysis of Perodua Eco Challenge (PEC) 2011 car chassis by using Finite Element Method (FEM).

- The purpose of this project is to know the behavior and usage of each type of element used in PEC 2011's car chassis.
- The FEM concept are applied to make documentation on all analysis results based on the cases that are given
- This project also helps to practice actual working condition in engineering analysis by using FEM method.

3) Total Quality Management

Title: Appraisal of Cost of Quality in Steel Recon Industries (SRI): Fire extinguisher production

- Many companies promote quality as the central customer value. The objective of continuous improvement programs is not only to meet customer requirements, but also to do it at the lowest cost.
- This study identify the cost of quality implemented in SRI and see how cost of quality affect decision making in industries
- In the manufacturing of fire extinguisher, destructive testing is done to the tank. The testing was time consuming and waste of material. Non-destructive testing is proposed to be used in place of destructive testing.

HIGHLIGHTS OF PROFESSIONAL SKILLS

1) Personal strength

- Has an excellent leadership skill.
- Responsible, hardworking, and able to work under pressure.
- Self-motivated, ambitious and initiative.
- Punctual and reliable with the ability to work long hours.
- Willing to travel anywhere and work over-time.
- Well organized and able to work both independently and in a team.
- Willing to learn and to be corrected.
- Positive thinking

2) Language (Spoken & Written Proficiency : Best = 10 – Worst =1)

- Malay –Writing : 10
 –Speaking : 10
- English –Writing : 8
 –Speaking : 8
- Japanese –Writing : 3
 –Speaking : 5

3) Computer Skills:

- Microsoft Office : Word, Excel, Powerpoint
- Ansys 14.0 : Finite Element Analysis
- Dassault Systems CATIA V5 R17
- Mathlab
- Borland C++

EXTRA CURRICULAR ACTIVITIES

- 2012 - Runner-up of handball tournament in Sukan Antara Kolej UiTM
- 2011 - Futsal tournament of Mechanical Games Day
- 2010 - Committee of Mechanical Engineering Games Day (MEGADAY)

REFERENCES

1) Mr Syazuan bin Abdul Latip
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Faculty of Mechanical Engineering
Universiti Teknologi MARA
40150 Shah Alam, Selangor.
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2) Mr Helmi Rashid
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