

MHARHANIS AFEKA BINTI MOHAMAD NORDIN
Bachelor (Hons) Of Manufacturing Engineering (Engineering Materials)



PERSONAL DATA INFORMATION

Permanent address	Lot 1458 Jln Pasir Puteh Kg Kedai Baru Pdg Kala Peringat 16400 Kota Bharu Kelantan
Contact	011-10898201
Email	mharhanisafeka@gmail.com
NRIC	910218-03-5656
Age	24
DOB	18 February 1991
Gender	Female
Nationality	Malaysia
Marital Status	Single
Languange	Malay and English (Written and spoken)
Health	Excellent
Graduation date	3 rd October 2015

CAREER OBJECTIVE

- Willing to learn and work hard to establish and improve myself in dynamic company where I can utilize my knowledge
- I am willing to give full commitment to the organization that I engaged with the experience and capability that I have in order to achieve organization's goal and create mutual benefits
- Expectation salary: RM2000 and above (Negotiable)

EDUCATIONAL BACKGROUND

YEARS	INSTITUTIONS
2011-2015	Universiti Teknikal Malaysia Melaka (UTeM) Programme: Bachelor of Manufacturing Engineering (Engineering Materials) Duration of Study: 4 years GPA: 3.22 CGPA: 2.83
2009-2011	Kolej Matrikulasi Negeri Sembilan (KMNS) Program Dua Tahun (PDT) CGPA of first year: 3.00 (Life Sciences Programme) CGPA of second year: 2.74 (Physical Sciences Programme)
2004-2008	Sek. Men. Keb. Agama Maahad Muhammadi Perempuan Kota Bharu (MMP) Ujian kelayakan saf awal (UKSA): 8A 1B 1D Penilaian Menengah Rendah Ugama (PMRU): 7A 2B 1C Penilaian Menengah Rendah, (PMR): 7A 2B Sijil Menengah Ugama (SMU): 10A (JAYYID JIDDAN) Sijil Penilaian Malaysia (SPM) : 2A 5B 4C 1D
2003	Sekolah Kebangsaan Padang Kala (SKPK) UPSR: 3A 2B

WORKING EXPERIENCE (INDUSTRIAL INTERNSHIP)

Company	Erawan LMW Industries Sdn Bhd
Background	Formerly known as Keloil-LPG Cylinders Sdn Bhd. The main thrust of Erawan is to produce cylinders that could meet the highest quality specification as required by customers. Erawan also provide refurbishment services to the oil and gas customers on existing cylinders in the market.
Location	Tawang, Bachok, Kelantan
Position title	Assistant engineer
Department	Quality Control Department
Duration	Two months and ten days
Job Scope	<ul style="list-style-type: none">• Ensure all incoming materials and consumables, work in process and finished products are tested to the specific requirement• Perform mechanical test like burst test, tensile test, hydrostatic test, immersion test etc.• Check every checked point of manufacturing process of Liquefied Petroleum Gas (LPG) cylinder.• Prepare document for ISO and Bureau Veritas (BV) checking. Deal and discuss with BV about specific document in order to get tender.• Ensure and monitor inspection and testing are performed accordingly to specified ISO.

SIGNIFICANCE PROJECT INVOLVEMENT

FINAL YEAR PROJECT	<p>Title: Mechanical And Thermal Properties Of Cockle Shell Powder Filled Epoxidized Natural Rubber/ Polypropylene Blend</p> <p>Objectives:</p> <ul style="list-style-type: none">• To investigate the mechanical properties of cockle shell powder reinforced epoxidized natural rubber/polypropylene blend composite• To characterize the thermal properties of cockle shell powder reinforced epoxidized natural rubber/polypropylene blend composite• To study the effect of cockle shell powder loading and size on the epoxidized natural rubber/polypropylene composite <p>Literature:</p> <ul style="list-style-type: none">• Blending of thermoplastic and elastomeric polymer is a common technology to produce a new class of material known as thermoplastic elastomer (TPE) with combined properties of its constituent. They exhibit typical properties of rubber materials but processability similar to thermoplastics. This technology is implemented to produce products with superior mechanical properties from inexpensive polymer material.• Involvement of utilization various kind of sophisticated machine in order to produce and test the product. For examples, Roll Mill Mixer, Compression Molding, Scanning Electron Microscope, Tensile Test Machine etc.
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PRODUCT DESIGN & DEVELOPMENT (PDD)	<p>Position: Project leader</p> <p>Title: Odorless diaper bin</p> <p>Objectives:</p> <ul style="list-style-type: none"> To analyze and design an advance diaper bin that can keep dirty diapers in a long period. To develop the best conceptual design based on product analysis and customer requirement. To identify and propose the potential diaper bin for mother daily use. <p>Literature:</p> <ul style="list-style-type: none"> There are many design of dustbin in the market today. But still do not fulfil customer needs. For example, the problem in term of smell, non-ergonomic, etc. Therefore, odorless diaper bin was designed to overcome these problems.
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ACADEMIC COURSES TAKEN

MANUFACTURING ENGINEERING CORES	<p>Statics and strength of materials</p> <p>Principle of electric and electronic</p> <p>Engineering mathematics</p> <p>Differential Equation</p> <p>Mechanics of Machine</p> <p>Engineering Graphics & CADD</p> <p>CAD/CAM & CNC Technology</p> <p>Manufacturing practice</p> <p>Numerical Methods & Matrix Algebra</p> <p>Engineering materials</p> <p>Manufacturing process</p> <p>Thermo fluid</p> <p>Manufacturing laboratory I</p> <p>Manufacturing laboratory II</p> <p>Manufacturing laboratory III</p> <p>Engineering Materials Lab I</p> <p>Engineering Materials Lab II</p> <p>Statistics & Probabilities</p> <p>Product Design & Development</p> <p>Heat transfer</p> <p>Engineering polymer</p> <p>Engineering ceramics</p> <p>Engineering practice report</p> <p>Engineering practice</p> <p>Quality control</p> <p>Control system</p> <p>Metallurgy</p> <p>Industrial Engineering</p> <p>Material Selection</p> <p>Industrial Automation</p> <p>Semiconductor</p> <p>Composite Processing & Engineering</p> <p>Occupational Safety & Health Management</p> <p>Engineering Economics</p> <p>Non Destructive test (NDT) & Failure Analysis</p> <p>Materials Characterisation</p> <p>Engineers in Society</p>
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	Corrosion & Degradation Advanced Materials Bachelor Degree Project I Bachelor Degree Project II
LANGUAGES	Technical Communication I Technical Communication II Arabic Language English for Professionals Communication
OTHERS	Critical & Creative Thinking Ethnic relation Philosophy of science and technology Computer programming Tamadun Islam & Tamadun Asia Business Entrepreneurship
CO-CURRICULUM	Pidato Bahasa Melayu Pembimbing Rakan Sebaya

SKILLS AND STRENGTH

COMPUTER SKILLS	<ul style="list-style-type: none"> Competent in the use of Microsoft Office package such as Word, Excel, and Power Point Intermediate in using AutoCADD Intermediate in using Solid Work CATIA
LANGUAGES SKILLS (WRITTEN AND SPOKEN)	<ul style="list-style-type: none"> English language Malay language Arabic language

EXTRA CURRICULAR ACTIVITIES

<ul style="list-style-type: none"> 2002: School prefect, SKPK 2003: School prefect, SKPK 2003: Vice president of Persatuan Bahasa Inggeris 2007: Member of Briged Bakti Negeri Kelantan, MMP 2007: Member of Kemahiran Hidup Bersepadu & Seni Kreatif 2007: Member of Karisma 2008: Member of Briged Bakti Negeri Kelantan 2008: Member of karisma 2008: Member of Falak Syarie' 2008: Librarian Prefect, MMP 2009: Committee member of curriculum carnival, as a squasy referee, KMNS 2009: Committee member of sketch competition for english month, KMNS

ACHIEVEMENTS

<ul style="list-style-type: none"> 2005: Participate in Kem Latihan & Pengurusan Pasukan "Briged Bakti Qidah Camp", MMP 2007: Participate in 'Program Celik Pandai Falak Syarie' organized by Persatuan Ilmu Falak dan Astronomi (PIFA), MMP 2007: Participate in Landscape Model Competition of Negeri Kelantan, MMP 2008: Participate in Landscape Model Competition of Negeri Kelantan, MMP 2008: The most improved student of Karisma's English Explorer (KEX) 2010: Participate in International Physics Competition, KMNS 2010: Participate in 'Bengkel Penguasaan Konsep Kimia Fizikal', KMNS 2013: Project leader of Product design and development, 8th place out of 60, UTeM 2015: Participate in Projek Sarjana Muda research poster competition, UTeM

ADDITIONAL INFORMATION

- Driving licence: D
- Interests: travelling, photography and writing

REFERENCES:

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