

Name : **CHE AZLY IZZAT AMIR BIN CHE WISLY**
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Age : 24
Height : 164 cm
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OBJECTIVES

To build a long-term career in mechanical engineering industry, with opportunities for personal and career growth.

PERSONAL CHARACTERISTICS

Strong analytical skills, quick learner with a remarkable **inventiveness** encompassing **able to solve a non-documented problem**. **Great leader** as well as a spectacular **team player**. Highly recognized **for refined planning and organizational skills**.

EDUCATION BACKGROUND

2011 – 2015 : Bachelor of Mechanical Engineering (Manufacturing) (Hons)
Universiti Teknologi Mara (UiTM)
CGPA: 3.13
2010 – 2011 : Foundation in Engineering
University Teknologi Mara (UiTM)
CGPA: 3.29
2005 – 2009 : S.M.K Pintu Geng, Kota Bharu, Kelantan
PMR: 7A's SPM: 2A+, 2A, 3A-, 1B+, 1B
1999 – 2004 : S. K. Paloh Pintu Geng, Kota Bharu, Kelantan
UPSR: 4A's

SKILLS

Language Spoken : Fluent in Malay and Good in English
Language Written : Excellent in Malay and English
Computer Literary : Excellent in Microsoft Office Applications
Good in Solidworks
Good in Catia
Beginner in Adobe Photoshop CS6
Laboratory Equipment : Good in Shielded Metal Arc Welding (SMAW)
Good in Computer Numerical Control (CNC) Milling Machine
Good in Electrical Discharge Machine (EDM) Wirecut
Others : Has talent in football, Champion of UiTM PPP Cup in university

WORKING EXPERIENCE

2013 - 2015 : Assistant Technician at TCME Engineering Services

Dealing with service and maintenance activity in electrical power system

- Transformer
- Air circuit breaker
- Vacuum circuit breaker

Dec 2015 – July 2016 : Trainee Engineer at Kapar Energy Ventures Sdn Bhd (KEV)

- 1) Welding plug punctured for **high pressure heater (heat exchanger)** to overcome tube leak
 - Leak test
 - Borescope inspection
 - TIG welding
 - NDT dye penetrant test
- 2) **Unit 6, 500 MW, coal fired thermal plant minor outage, Kapar Energy Ventures**
 - Boiler feed pump overhaul and inspection
 - Bearing seal oil pump overhaul
 - Circulating water pump servicing
 - Auxiliary circulating water (ACW) strainer, inlet valve and pipe replacement
 - Tube bundle replacement for turbine lube oil cooler
- 3) Monitoring **condenser tube leak test of Unit 6, Kapar Energy Ventures**
 - Condenser tube leak test with vacuum
 - Condenser tube leak test without vacuum

- 4) **Risk Based Inspection (RBI)** for CF extension of DOSH registered fired pressure vessels (**boiler**) and **unfired pressure vessels (UPV)** for Unit 3, **Kapar Energy Ventures**
 - ASME Sec.I
 - ASME Sec. VIII Div 1
- 5) **Unit 4, 300 MW, coal fired thermal plant** DOSH inspection outage, **Kapar Energy Ventures**
- 6) **Unit 1, 300 MW, oil & gas fired thermal plant** DOSH inspection outage, **Kapar Energy Ventures**

INTERNSHIP DETAILS

Company : TNB Repair And Maintenance Sdn. Bhd.
Base : Lemal, Pasir Mas, Kelantan
Department : Diesel Maintenance Unit
Supervisor : Mr. Mohamad Khir Bin Khalid
Duration : 12 weeks (June 2014 to September 2014)

Activities Summary:

1. **Trouble shooting and preventive maintenance** of various diesel engines:
 - a) D3406 Caterpillar (200 kW)
 - b) Caterpillar D 398 (500kW)
 - c) Perkin (100 kW)
 - d) Caterpillar C18 (50kW)
2. Overhaul Diesel Generator
 - a) Perkins 120kW set no 4 at Stesen Janaelektrik Pulau Perhentian
- Inspecting, restoring, replacing and installing new component part of the engine
3. Design engine components using CATIA
 - a) Bottom and upper parts of the radiator
 - b) Exhaust flexible bellow

Internship Outcomes:

1. Exposed to the real world working environment at the diesel power plant (both hands-on and paperwork)
2. Exposed to the minor and major overhaul process in the diesel engine
3. Exposed to the trouble shooting and preventive maintenance in diesel power plant for various diesel engine

ACTIVITIES

Year	Clubs / Societies / Sports / Others	Position Held / Achievement
2014	Engine United Football Club	<ul style="list-style-type: none"> ➤ Right Defender ➤ Champion of UiTM PPP Cup 2015 ➤ Semi Finalist for UiTM FA Cup 2014
2013	Leadership Exploration And Development (LEAD)	➤ Technical Crew
2013	Engineering Solidarity Weekends (ESW) 2013	➤ Technical Crew
2012	Institute of Mechanical Engineers, UK (I-MechE) UiTM Student Chapter	➤ Active Member
2012	Engineering Unity Carnival (EUC) 2012	➤ Transportation Crew
2011	Integrated Engineering Carnival (IEC) 2011	➤ Technical Crew

REFERENCES

- **Mohamad Fizre Bin Samil**
Engineer (Rotating Machinery & Gas Turbine)
Kapar Energy Ventures Sdn Bhd,
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- **Muhammad Zarizan Zakaria**
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