

CURRICULUM VITAE

MUHAMAD AMIRUL ASYRAF BIN JUHARI

BACHELOR (HONS) OF ELECTRICAL ENGINEERING MAJOR IN POWER SYSTEM



PERSONAL INFORMATION

ADDRESS :

104, TAMAN BERSATU,
09100, BALING
KEDAH DARUL AMAN

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EDUCATIONAL BACKGROUND

2014-2019: UNIVERSITI MALAYSIA
PAHANG

2013-2014 : KOLEJ MATRIKULASI
KEDAH

2007-2012 : SMK BALING

2002-2007 : SK BALING

WORKING EXPERIENCE

RAPID MANUFACTURING CONNECTIVITY SDN BHD

POSITION: PROJECT ENGINEER (15/6/2023- PRESENT)

Manage daily M & E operations at site.

- Plans and coordinates fire fighting work with C & S and architectural works.
- Monitors fire fighting work programs and quality control.
- Liaises with client, consultant and local authorities for fire fighting works.
- Attends all clients and consultants meetings.
- Liaises with M & E sub-contractors and to close-up all internal and external NSRs.
- Prepares fire fighting progress report and Site Diary.
- Prepare procurement and delivery requisition based on shop drawing
- Finalize purchase details of order and deliveries
- Arranges for inspection with consultants / clients / authorities on fire fighting works.
- Arranges for testing and commissioning and handing over of all fire fighting works.
- Prepares and evaluates monthly progress claim for fire fighting works.
- Checks and verifies fire fighting sub contractor monthly progress claim.
- Prepares as-built drawings for fire fighting works.
- To carry out other job assignments as and when required by the immediate superior



No 7, Jalan Sungai Tiram 7,
Mutiara Light Industrial Park,
11900, Bayan Lepas Penang
Malaysia

WORKING EXPERIENCE

RIMBACO SDN BHD (FERROTECH)

POSITION: M&E ENGINEER/ COORDINATOR (1/1/2023- 14/6/2023)

Manage daily M & E operations at site.

- Plans and coordinates M & E work with C & S and architectural works.
- Monitors M & E work programs and quality control.
- Liaises with client, consultant and local authorities for M & E works.
- Attends all clients and consultants meetings.
- Liaises with M & E sub-contractors and to close-up all internal and external NSRs.
- Prepares M & E progress report and Site Diary.
- Prepares all M & E correspondences and minutes of M & E coordination meeting.
- Arranges for inspection with consultants / clients / authorities on M & E works.
- Arranges for testing and commissioning and handing over of all M & E works.
- Prepares and evaluates monthly progress claim for M & E works.
- Checks and verifies M & E contractor monthly progress claim.
- Prepares as-built drawings for M & E works.

To carry out other job assignments as and when required by the immediate superior



Silver Square, 309E, 1st Floor, Jln Perak, 10150 George Town, Pulau Pinang

WORKING EXPERIENCE

**ZHL ENGINEERS SDN BHD (KEDAH RUBBER CITY)
(PUMP STATION, SEWERAGE TREATMENT
PLANT)**

Position : MEKANIKAL & ELECTRICAL ENGINEER (IOW) 25/6/2021 – 30/12/2022

- To check / supervise M&E works
- Monitor the progress of building services works and maintain siterecords
- Attend contractors progress meeting sub-contractor and utility coordination meeting, and any other ad hoc meetings
- Reports all unsatisfactory work and order re-execution where necessary
- Report to employer for removal of any unacceptable building servicesmaterial
- Check that the equipment and material use, and site installationworks are instrict compliance with the contract drawing and specifications
- Ensuring that installation, mechanical, electrical and constructionstandards adhered to by contractors
- Monitor the standards of work, promoting best practice , health and safety onsite, and risk mitigation
- Providing technical advice to resolve immediate problems on sitewhilst maintaining overall project standards
- Attend and witness testing and commissioning of various building services works.



ZHL ENGINEERS SDN BHD

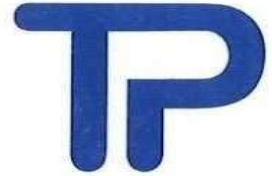
No.5, Jalan Utama Suria Tropika 1,
Taman Suria Tropika, 43300 Seri
Kembangan, Selangor

WORKING EXPERIENCE

TAKDIR PERMAI SDN BHD (HEMP TRIAL PLOT AND ANCILLARY

BUILDING) Position: M&E ENGINEER 1/2/2020 - 12/2/2021

- To attend site meeting, liaise with consultant, main contractor and subcontractor concerning project technical and coordination issue.
- To prepare document related to the project management activities
- To perform construction activities such as take of quantity measurement.
- To prepare, monitor, coordinate and report site activities for example logistic, manpower arrangement, installation
- To ensure engineering & construction work meet project requirement
- Ensuring that installation, mechanical, electrical and construction standards adhered to by contractors



91-103, Jalan Seroja 1/2, Taman Seroja, 08000 Sungai Petani, Kedah

TAKDIR PERMAI SDN BHD (KLINIK KESIHATAN PERDA)

Position: M&E COORDINATOR 1/2/2020 - 12/2/2021

- To attend site meeting, liaise with consultant, main contractor and subcontractor concerning project technical and coordination issue.
- To prepare document related to the project management activities
- To perform construction activities such as take of quantity measurement.
- To prepare, monitor, coordinate and report site activities for example logistic, manpower arrangement, installation
- To ensure engineering & construction work meet project requirement



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COURSE TAKEN		
Electrical & Electronic Engineering Course	Engineering Core	
<ul style="list-style-type: none"> - Computer programming & application - Instrument & measurement - Circuit analysis I & II - Digital electronics - Low voltage electrical installation - Electrical machines - Analog Electronics I & II - Basic programmable logic controller - Signal & network - Principle of communication system - Principle of control system - Maintenance technology - Motor control - Microprocessor - Electrical power system - Integrated Engineering Design - Electromagnetic field theory - Power system analysis - Power quality - Alternative energy - Power system operation & control - Power electronic & drive system - Power system protection & high voltage - High voltage direct current - Embedded controller system - Process control - Occupational safety & health - Engineering & safety 	<ul style="list-style-type: none"> - Basic physic - Project management - Entrepreneurship 	
	Engineering Mathematics	
	<ul style="list-style-type: none"> - Ordinary differential equations - Applied calculus - Numerical method - Applied statistic 	
	Language & Skill	
	<ul style="list-style-type: none"> - English I , II & III - Arabic for beginners - Arabic for intermediate - Soft Skill I & II 	
	Co-curriculum	Humanities/social science
	<ul style="list-style-type: none"> - Volleyball - Kor Suksis - Futsal 	<ul style="list-style-type: none"> - Islamic & Asian civilizations - Ethnic relations

PROJECTS INVOLVEMENT

Year	Projects	Description
2018	Final Year Project: An Application of nature Inspired Computational Intelligence for TCSC in Power System Stability Considering Line Outage	Study and monitor the minimize losses in IEEE 30 bus system by using algorithm and also by installed the TCSC in 30 bus system even the system considering line outage.
2018	Embedded Projects: Develop, Design & Run Assembly Language Of 68HC11-Based for Temperature Detection System	To develop and design the temperature detector system using the 68HC11 microcontroller. The system uses two temperature sensors as an input to measure the two temperature level at different room and compare the temperature.
2016	Capstone Projects: Design & Development of an Over Speed Alarm System With Push Notification	This project is about the design and development of an over Speed Alarm System with Push Notification in bus transportation. The purpose of this project is to notify the passengers about the dangerous situation.

LEADERSHIP EXCELLENT

TOP ACHIEVEMENT

2011
Prefect of SMK Baling, Kedah
2016
Commissioning as Inspector Kor Suksis at UUM
2015
1st place in Volleyball for event faculty sport (Capt)

2012
Excellent student award for get top 10 in SMK Baling.
2015
1st place in Volleyball for event faculty sport (Capt)

COMPUTER SKILL



Great Facilitating and Communication Skill

STRENGTH

1. Have capability to work in a group, friendly
2. Leadership skill and confident
3. Can work under pressure, responsible and willing to learn
4. Willing to travel and relocated

EXTRACURRICULAR EXCELLANCE

Leadership Skills

- Development of leadership skill through an event commissioning Inspector Kor suksis.



Industry Network

- Field trip experience at 5KWpp PV Hitech Solar Roof-Top Kumpulan Melaka Berhad (KMB).
- Position: participant



Teamwork

- Involve in marching event for maulidur rasul and get 3rd place.



Sport

- Joint faculty sport event in participate in volleyball and win 1st place.



PERSONAL REFEREE

UNIVERSITI MALAYSIA PAHANG, KAMPUS PEKAN, PAHANG

Dr. Nor Rul Hasma Binti Abdullah

Pensyarah Universiti (FYP Supervisor)

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UNIVERSITI MALAYSIA PAHANG, KAMPUS PEKAN, PAHANG

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Pensyarah Universiti (Personal Advisor)

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