

PRIMARY PERSONAL DETAILS:

Name : Mohd Zahafiz Bin Mohd Zaki

: 1337, Kampung Ru Dua, 21600 Marang, Terengganu, Malaysia. Mailing Address

I/C No. : 860326465001 (32 Years Old)

D.O.B. : 26th Mac 1986 Nationality : Malaysian : +609 6186227 Tel. No.

Marital Status : Married with two kid

Hand Phone : +60 166 644 046 / +60 173 202 385 (Wife)

E-Mail : zahafizzaki@gmail.com

EPF Number : 1827 8459

: SG 204 700 700 10 Income tax no International Passport No.: A 4065 8286 Malaysia Limited Travelling Document No.: A 812153

Seaman No. : 201041004262 Expiry Date: 09th Sept. 2020 OGSP No. : OG000256T Expiry Date: 15th March 2019 CIDB No. : W91240620080016 Expiry Date: 30th March 2018

IECEx. Certification: CP SRM14.0046 **Expiry Date: Sept 2022**

UNIT 001, 007 & 008

Expiry Date: 19th June 2018 BOSIET (OPITO) : MSTS, Pasir Gudang, Johor Offshore Medical Expiry Date: 11th August 2018 : MIOSH Occupational Health Centre Expiry Date: 31st Dec. 2016 Amateur Radio : 9W2OZX (01886651-000SU/122015) Club Member

: Malaysia Amateur Radio Emergency Services (MARES) – 2103 1509 07

Malaysia Amateur Radio Society (ASTRA) – 3186 05315

ACADEMIC QUALIFICATION

: BEng. Electrical & Electronic Engineering Degree

: University of Hertfordshire, UK. Inst. / University

Diploma in Industrial Electronics (Process Instrumentation & Control) Diploma

Inst. / University German Malaysian Institute (GMI)

Certificate **Electrical Device & Control**

Inst. / University : Universiti Teknologi Malaysia, Kuala Lumpur

Certificate : Process Instrumentation & Calibration

: Community College, Kuantan. Inst. / University

Expiry Date: 09th May 2023

Expiry Date: 04th July 2022

COURSES ATTEND:

IKBN Bandar Penawar : IECEx Unit 001, 003 Date: $26^{th} - 28^{th}$ April 2018

Aliah Irdina : Basic Solar System for On & Off Grid Date: 30th Sept – 1st Oct. 2017

EXZON Sdn. Bhd. : IECEx Unit 001, 003, 007 & 008 Date: 21st - 31st July 2017

INSTEP : IECEx Unit 001 Date: 19th – 20th May 2014

Fleming Gulf : Commissioning, Start-up, SD & TA Date: 11th – 13th Mac 2014

Schlumberger : Well Control School (Houston, Texas) Date: 3rd – 7th Nov. 2008

Well Control School : SDO, CTS, Well Services (UTC, U.K.) Date: 15th Sept - 31st Oct. 2008

CAREER OBJECTIVES:

> To perform high safety standard prior to start work, during and after complete the task.

> To perform all required discipline tasks, safely, consistently, comply with in accordance project requirements, procedures, standards and specifications.

> To support overall delivery of company goals and schedule.

WORKING EXPERIENCES:

EMPLOYMENT HISTORY

14-16 May 2018

Company: SGS

Position : Ex Inspector

Client : Dimension Bid Sdn. Bhd.

Location: Dimension Bid Yard, Kemaman, Terengganu.

Ex inspected base on IEC 60079 series, Directive 94/9/EC, API 500, API 505, IEC 60034, EN 1834-1 and EEMUA 107:

1) Close inspection on 3 units zone 2 machineries

7-8 May 2018

Company: Bureau Veritas (BV)

Position: Ex Inspector

Client : Schlumberger Subsea Well Testing

Location: PKFZ, Port Klang, Selangor.

Ex inspected base on IEC 60079 series, Directive 94/9/EC, API 500 & API 505:

1) Details inspection on 2 unit subsea well test spool and UPS.

24 April 2018

Company: Bureau Veritas (BV)

Position : Ex Inspector

Client : Schlumberger Well Testing Location : PKFZ, Port Klang, Selangor.

Ex inspected base on IEC 60079 series, Directive 94/9/EC, API 500, API 505, IEC 60034, EN 1834-1 and EEMUA 107:

- 1) Close inspection on 1 unit transfer pump complete with supply connection and supply, control, system and mechanical piping.
- 2) Details inspection on 2 units of BRFI burning system

2 - 23 April 2018

Company: EXS Synergy Sdn. Bhd

Position : Ex Inspector

Project : Platform Equipment & Instrument Ex Inspection

Client : Murphy Oil Corporation

Location: WPPB Platform, GORA Platform & Caspian FSO Bintulu, Sarawak, Malaysia.

❖ Performed close inspection, data collecting, punch list for Ex equipment based on IEC 60079 series, Directive 94/9/EC, API 500, API 505, IEC 60034.

9 March 2018

Company: Bureau Veritas (BV)

Position : Ex Inspector

Project : Supply 1 unit Zone 2 60 KVA Diesel Engine Genset

Client: Trisystem Sdn. Bhd. Location: Shah Alam, Selangor.

❖ Performed detail inspection for Ex equipment (Electrical & Non Electrical) based on IEC 60079 series, BS 13463 and EN 1834-1.

6 March 2018

Company: Bureau Veritas (BV)

Position: Ex Inspector

Project : Supply 2 units Zone 2 60 KVA Diesel Engine Genset

Client : Dimension Bid Sdn. Bhd.

Location: WZS Powergen Sdn. Bhd., Kawasan Perindustrian Balakong, Sri Kembangan Selangor.

❖ Performed punch list close-out for Ex equipment (Electrical & Non Electrical) based on IEC 60079 series and EN 1834-1.

26 Feb - 4 March 2018

Company: Bureau Veritas (BV) (Freelance)

Position : Ex Inspector

Project : Petronas Pengerang Cogeneration Plant

Client : Siemens Malaysia Sdn. Bhd.

Location: Pengerang Cogeneration Plant, RAPID

❖ Performed E&I and Ex detail inspection for GT 21 and GT 22 based on IEC standard and PCP Explosion protection concept.

27 Jan - 21 Feb 2018

Company: EXS Synergy Sdn. Bhd. (Freelance)

Position : Ex Inspector

Project : Platform Equipment & Instrument Ex Inspection

Client : Murphy Oil Corporation

Location: GOPA Platform, Bintulu, Sarawak, Malaysia.

Performed close inspection, data collecting, punch list for Ex equipment & Instrument based on IEC 60079 series.

16 Jan 2018

Company: Bureau Veritas (BV) (Freelance)

Position: Ex Inspector

Project : Supply 2 units Zone 2 60 KVA Diesel Engine Genset

Client : Dimension Bid Sdn. Bhd.

Location: WZS Powergen Sdn. Bhd., Kawasan Perindustrian Balakong, Sri Kembangan Selangor.

❖ Performed detail inspection, produce punch list for Ex equipment (Electrical & Non Electrical) based on IEC 60079 series and EN 1834-1.

19 Dec 2017 - 11 Jan 2018

Company: EXS Synergy Sdn. Bhd. (Freelance)

Position: Ex Inspector

Project: Platform Equipment & Instrument Ex Inspection

Client : Murphy Oil Corporation

Location: GOPA Platform, Bintulu, Sarawak, Malaysia.

Performed close inspection, data collecting, punch list for Ex equipment & Instrument based on IEC 60079.

14 - 16 Dec 2017

Company: Bureau Veritas (BV) (Freelance)

Position : Ex Inspector

Project : Petronas Pengerang Cogeneration Plant

Client : Siemens Malaysia Sdn. Bhd.

Location: Pengerang Cogeneration Plant, RAPID

❖ Performed detail inspection and close punch list for GT 11 and GT 12

8 Dec 2017

Company: Bureau Veritas (BV) (Freelance)

Position: Crane Inspector

Project : Champion Waterflood B2/3 CPWJ – 41 – 42 – 43 – 44

Client : Brunei Shell Petroleum Company Ltd

Location: Favelle Favco Crane (M) Sdn Bhd, Senawang, Negeri Sembilan, Malaysia.

❖ Performed inspection for structure, mechanical and electrical for RL 60 boom crane.

14 Nov. - 3 Dec 2017

Company: EXS Synergy Sdn. Bhd.(Freelance)

Position: Ex Inspector

Project : Platform Equipment & Instrument Ex Inspection

Client : Murphy Oil Corporation

Location: MEPA Platform, Bintulu, Sarawak, Malaysia.

❖ Performed visual & close inspection, data collecting, punch list for Ex equipment & Instrument based on IEC 60079.

10 Oct. - 6 Nov 2017

Company: EXS Synergy Sdn. Bhd. (Freelance)

Position: Ex Inspector

Project : Platform Equipment & Instrument Ex Inspection

Client : Murphy Oil Corporation

Location: MEPA Platform, Bintulu, Sarawak, Malaysia.

Performed inspection, data collecting, punch list for Ex equipment & Instrument based on IEC 60079.

18 - 22 Sept 2017

Company: EXZON Sdn. Bhd. (Freelance)

Position : Ex Inspector

Project : Zone 2 Engine and Ex equipment inspection

Client : UZMA

Location: Jalan Kolam Warehouse, Labuan

Performed inspection for drilling mud pumps, hydraulic powerpacks, genset, lighting units and air compressor

13 - 14 Sept 2017

Company: Bureau Veritas (BV) (Freelance)

Position : Ex Inspector

Project : Zone 2 Engine and Ex equipment inspection

Client : Halliburton Malaysia Sdn. Bhd.
Location : Kemaman Supply Base, Terengganu

Performed inspection for wireline pressurize cabin, hydraulic powerpack unit, dog house and air compressor

11 Sept 2017

Company: Det Norske Veritas (DNV) GL Sdn Bhd (Freelance)

Position: E&I Inspector

Project : Pengerang Package 14

Client : United U-Li Corporation Berhad

Location: Nilai Industrial Park, Negeri Sembilan, Malaysia

Performed inspection for cable tray, cable ladder, tee, elbow and accessories.

August - Sept 2017

Company: Dayang Enterprise Sdn. Bhd. (Freelance)

Position: E&I Inspector

Project: Provision of Brownfield Major Modification Work Bardegg-2

Client : Petronas Carigali Sdn. Bhd. Location : Baronia A & B Field, Sarawak.

- * Executes the specific inspections on materials, equipment prior construction/installation activities on site.
- Cable laying, termination and cable tag.
- Performs all relevant loop checks, continuity and insulation resistance test.
- Install and inspect power transformers, switchboard, accumulator battery, sockets outlet, lighting system, navigation aid system.
- Calibrates safety valves and instruments.

- Installation of instruments.
- Performs instrument function test.
- Connect pneumatic signal connection.
- Performs communication functionality test.
- Ensure to implement approved Inspection Test Plan
- ❖ Ensure all installation and terminations was complying with **Ex** requirement inclusive all protection type of Ex equipments such lighting, junction box, motor, switch, sensor, pressurised panel, RTD, RCU and etc Which cover Ex d, Ex e, Ex n, Ex p, Ex q, Ex m, Ex I and etc.

APRIL 2017 - JULY 2017

Company: HESS Exploration and Production Malaysia B.V. (Freelance)

Position: Workpack Team Leader and Operation Team Leader
Project: KML-A Decommissioning and Preservation Work

Location: Kamelia Field

- Prepare details workpack, equipment list, manpower loading, planning & schedule, material takeoff, project specific procedure and etc.
- Ensure all preparation work monitored and reported accordingly.
- Execute work as per plan with high safety standard.
- ❖ Identify the work scope based on the given sets of drawings, documents, and specification
- Identify the additional work tools, testing equipment and material required to complete the works
- * Recheck as-built information to extract as demolition drawing for removal activities.
- Identify construction methods and resource requirement.
- Identify special HSE hazards and precautions
- Identify work force and tools & equipment planning
- Final Documentation

FEB 2017 - MARCH 2017

Company: HESS Exploration and Production Malaysia B.V.(Freelance)

Position : Electrical, Instrumentation & Control Engineer

Project: Lawit-A Riser Isolation & Removal of Additional Offshore Facilities

Location: Lawit A & Lawit Riser (EMEPMI)

- ❖ Perform site visit for DCS, SGS, FGS, instrumentation, electrical, analyser and other related to process.
- ❖ Cable, instrument, analyser removal, determination plan and cable re-tag.
- ❖ Identify the work scope based on the given sets of drawings, documents, and specification
- Identify the additional work tools, testing equipment and material required to complete the works
- * Recheck as-built information to extract as demolition drawing for removal activities.
- Identify construction methods and resource requirement.
- Identify special HSE hazards and precautions
- Identify work force and tools & equipment planning
- Prepare workpack, method of statement, procedures and etc.

MAY 2016 – JAN 2017

Company: Sigur Ros Sdn. Bhd. (Freelance)

Position: JIT & Leak Test Engineer

Project : Provision Of Brownfield Major Modification Work For Bardegg-2 And Baronia EOR Dev. Project

Client : Petronas Carigali Sdn. Bhd. Location : Baronia A & B Field, Sarawak.

- ❖ Manage integrity projects on sites, ensuring safe, efficient and profitable delivery of the project goals.
- Ensure compliance with Project Joint Integrity Management procedures and philosophy.

- * Represent as a technical authority in project related meetings from concept to completion
- Collate information to ensure that the project is invoiced promptly and correctly
- Organise resource requirements for execution
- Identify opportunities within the project to generate further profitable revenue.
- Safety focal point for project
- Manage, develop personnel in the requirements of successful deployment of Joint Integrity on the project.
- Organise inspection and technician roles/teams to optimise performance and quality of service to client.
- ❖ Liaise with various different work groups/companies/disciplines including Leak Testing, Commissioning, fabrication etc.
- All Joint Integrity works.
- Line walking
- Drawing correction/updating (As builts)
- Marking up drawings
- ❖ Work Pack/Test Pack creation
- Database population
- Tagging
- ❖ Work flow control
- Progress reporting
- Detailed Technical Report writing
- ❖ Inspection of Joints, fault finding and identification of remedial work.
- Identification and resourcing of In situ Machining opportunities

APRIL 2015 - APRIL 2016

Company: IEA Marine Engineering Sdn. Bhd. Position: Electrical & Instrument Engineer

Project : 8 Man Saturation Diving System Rejuvenation Project

Client : Bermuda Subsea Sdn. Bhd.

Location: Klang, Selangor.

- ❖ To ensure the installation of the wiring and instrumentation as per IMCA & Class standard
- Prepare related documentation prior to operation
- Execute specific inspection
- Check cable identification
- Update as built drawing
- Calibrate instruments
- Perform visual, close and details inspection

FEB 2013 - APRIL 2015

Company :Sigur Ros Sdn. Bhd.

Position: Project, Electrical & Instrument Engineer

Project : Provision of Hook-Up, Commissioning and Topsides Major Maintenance Services

Client : HESS Exploration and Production Malaysia B.V.

Location: Kamelia Field, Kelantan.

- Caisson system replacement
- Rubber fender replacement
- Stabbing guard installation
- Installation of two new antennas and cable laying
 - Perform site surveys together with HESS communication vendor.
 - Assist HESS communication vendor to install communication equipment.
 - Provide detail work methodology, MTO, execution plan, inspection plan and supervision.

- Provide QA/QC report and update the effected as build drawing and documentation.
- Removal and installation of new Ex-d Enclosure
- Thermal expansion remedial work
- Replacement of metering sampling

OCTOBER 2012 - JAN 2013

Company: Carimin Sdn. Bhd. (Freelance)
Position: JIT & Leak Testing Engineer

Project: Installation, pre-commissioning, & commissioning of KNJT-C

Client : Petronas Carigali Sdn. Bhd.

Location: Kinabalu Field, Sabah.

MAC 2012 - SEPT 2012

Company: Dialog Plant Sdn. Bhd. (Freelance)
Position: Project, Electrical & Instrument Engineer

Project: Installation, pre-commissioning, & commissioning of jet pump system at ANDR-A

Client : Petronas Carigali Sdn. Bhd. Location : Angsi Field, Terengganu.

- ❖ Keep an eye on all relevant safety objectives and legal requirements
- Interpret clients' requirements
- Identify engineering problems and ensure solutions are implemented
- Evaluate, organise and prioritise workload within a schedule
- Liaise with third party contractors to ensure all equipment is fit for purpose
- Take responsibility for a team of engineers
- Pre-Commissioning for new Jet Pump Installation
- Performed trouble shooting by checking all wiring loop connection from field devices to instruments Junction Boxes through marshalling cabinet, rack to ensure that all the connection are met to the safety standard conducting technical analysis requirement during commissioning.
- To install Gas detector in main unit
- ❖ To lay down new cable signal from gas detector to their transmitter unit
- Perform function test for all devise and instrument equipment
- loop check device witness by client
- Do the Mark-up drawing and prepare check sheet

FEB 2012

Company: PFCE Sdn. Bhd. (Freelance)
Position: Piping Structure Surveyor.

Project : PMO Topside Maintenance Contract

Client : Petronas Carigali Sdn. Bhd.

Location: Terengganu.

JAN 2012

Company: Dayang Enterprise Sdn. Bhd. (Freelance)

Position: Bolting & Leak Testing Engineer

Project : Provision of Bolt Tightening & Leak Test Services for TCOT and ANDR-A Platform

Client : Petronas Carigali Sdn. Bhd.

Location: Kerteh, Terengganu.

JULY 2011 - JAN 2012

Company: Carimin Engineering Sdn. Bhd. (Freelance)

Position: Electrical & Instrument Engineer

Project : SKO Pipelines and Facilities Rejuvenation Project

Client : Petronas Carigali Sdn. Bhd.

Location: West Lutong, Baram, Bokor & Bakau Field, Sarawak.

- Directing the completion team with close out activities for Instrument hook up completion dossiers
- ❖ Ensure that all the relevant construction and vendor punch list item had been cleared and sent notification to perform final tri-party walk down
- ❖ Ensure all relevant certification is completed, without any punch list 'an' items and directing the completion team with close out activities for mechanical completion pack subsystem hand-over.
- Preparation of MC package, collate all necessary project and vendor drawing including the limit of subsystem, details, termination, loops, layout, and equipment list including in the ITR INDEX prior to inspection.
- Review of all procedure & other doc related in electrical & Instrumentation aspect for oil and Gas, Onshore and Offshore.
- Checking that inspection and test are carried out and Documented in accordance with the approved procedure and quality plans.
- ❖ To complete the work done completion report and to get it signed off, as prove that all works has been inspected and accepted by Client representative QA/QC and Class Surveyor.
- ❖ Witness final inspection with Client and record test & inspection result to obtain witnessing signature.
- Maintain all Quality records and document related to all fabrication, erection, installation and testing activities

FEB 2010 - JUNE 2011

Company: Sigur Ros Sdn. Bhd.

Position: Project, Electrical & Instrument Engineer
Project: Turkmenistan Block 1 Development Project.
Client: Petronas Carigali Turkmenistan Sdn. Bhd.

Location: Onshore Gas Terminal (OGT), MDP-A & MCR-A Platform, Caspian Sea.

CONSTRUCTION & PRE-COMMISSIONING

- * Review drawing, data sheet, procedure as per client specification.
- Ensure all E&I activities shall follows ITP (Inspection Test Plan) for work reference during construction at site
- ❖ Performed Inspection for E&I material and equipment together with packing list, AFC drawing, data sheet, material certificate and should follows client specification.
- Detail Site Acceptance Test for Inspection such HV/LV Switchgear, UPS AC/DC, ATS, MCC, Lighting & Small Power DB, Marshalling cabinet, Junction Box, Instrument bulk material and etc.
- ❖ Monitoring sub-contractor perform instrument calibration at Lab Calibration such as Gauge, Absolute pressure Transmitter, On/Off and Control Valve, Mass Cariollis, Vortex Transmitter, Radar, RTD PT 100, switches and etc. The calibration follows the procedure as per owner requirement.
- All calibration activities were recorded and documented for final documentation.
- Monitoring and supervising sub-contractor carry out panel installation, cable ladder/tray installation, cable pulling above/underground, lighting fixture, Junction box, Instrument device installation, tubing and etc.
- Ensure all the installation works follows client specification.
- Responsible for loop checking activities those performed by E&I sub contractor.
- ❖ Hands on involved for pre com activities together with vendor such as functioning test of HV/LV switchgear, MCC, UPS, DCS, ESD, Lighting & small power and etc.
- ❖ Hands on participated for Vendor Packages such as Air Compressor and Gas Turbine Generator.

COMMISSIONING

- Main task is to ensure all system well-functioning during commissioning activities.
- Ensure the entire commissioning activities follows approved commissioning check sheet by owner.
- ❖ Recorded and documented all activities for final documentation.
- ❖ Hands on participated for commissioning activities such as HV/LV switchgear, MCC, UPS, DCS, ESD,
- ❖ Lighting & small power, Instrument field (gauges, transmitters, RTD's, Thermocouple, Radar, switches) and etc.
- Hands on participated for commissioning activities of vendor packages such as Air Compressor, Gas Turbine Generator as well.
- Hands on trouble shooting during commissioning activities.
- Involved in final documentation of punch list

JUNE 2008 - FEB 2010

Company : Schlumberger Position : Field Specialist

Location: Kemaman, Terengganu.

- ❖ Ensure all equipment and machinery system in good condition at all time. Repair, troubleshoot and resolve all the issue related to the mechanical, instruments and system.
- Perform job at site for coil tubing services.

JUNE 2007 - OCT 2007

Company:IPSH Gasmaster Sdn. Bhd.
Position: Trainee Instrument Technician

Project :

- 1) Gas analyser installation and maintenance for Storm Management and Road Tunnel (SMART)
- 2) Gas Detector maintenance for Kuala Lumpur International Airport (KLIA)
- 3) Gas analyser maintenance for Kualiti Alam (KA) Chemical Disposable Plant, Seremban.
- 4) Gas detector maintenance for all Jusco in Peninsular Malaysia
- 5) Gas detector maintenance for Great Eastern Mall, Ampang
- 6) Wiring control panel for new install gas detector/analyser
- 7) Gas detector maintenance at Petronas Penapisan Melaka (MG3 & Cogent)

MISCELLANEOUS

Willing to relocate / travel : Yes
Possess own transport : Yes

Expected salary : Negotiable
Driving License : B, D & GDL

Emergency Contact : Nor Azura Binti Hadi (017-3202385/017-9871780)

REFERENCES

Nama: Mohd Azlan Mohd Yusoff

Position: E&I Inspector

Company: Petronas Carigali Sdn. Bhd.

No. Hp: 012 – 9212249

Email: mohd azlan@yahoo.com

Nama: Mohd Nizam Bin Mohd Amin

Position: Operation Manager

Company: Eftech International Sdn. Bhd.

No. Hp: 013 – 930 4905

Email: <u>nizam.amin@eftech.com.my</u>

Nama: Irwan Rosdi Bin Mohd Nor

Position: Operation Manager

Company: Bermuda Subsea Sdn. Bhd.

No. Hp: 019 – 231 4709