

Nor Syafiq Anuar

10 years and half in oil and gas field dealing with offshore and onshore EPCIC, EPCC and EPCI environment. Familiar with conducting testing, pre-commissioning, commissioning and start-up for brownfield and green-field oil and gas projects. Experienced in Electrical & Instrument with proven record of construction, planning, risk management and implementing high profile projects consistently looking for new challenge and rewarding position in various industries. Exposed in electrical & Instrument installation, onshore and offshore commissioning for wellhead platform, brownfield & greenfield platform etc. Familiar with Petronas Technical Standard (PTS). An energetic and focused leader with reputation for developing strong relationships with every level of the organization.

Objectives

Looking forward for Senior HUC Commissioning Instrument & Telecomm Engineer / Lead Instrument/HUC Engineer in dynamic oil &gas company with reputed organization that give me opportunity where I can improve my abilities, and which provides an environment to share my skills with others so that I will be a part of success in that organization. To pursue a challenging career in the field of construction, commissioning and maintenance, so that I can utilize my knowledge and skill of electrical effectively and efficiently in a practical manner in my professional approach.

SUMMARY

Current Position	: Senior Electrical & Instrument HUC Commissioning Engineer
Company	: **UMD ENERGY SDN.BHD**
Specialization	: Engineering, Onshore Construction, Offshore HUC & Commissioning
Education	: Bachelor's Degree in Electrical & Electronic
Availability	: Mac 22

PERSONAL PARTICULARS

Age	: 34
Gender	: Male
Nationality	: Malaysian

CONTACT INFO

Permanent Residence	: No. A3-1-8, Jalan SS8/7, Kelana Impian Apartment, Sungai Way Free Trade Zone,47300, Petaling Jaya, Selangor Darul Ehsan
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CERTIFICATIONS & QUALIFICATIONS

1) 2016- OHSAS 18001: 2007 Internal Auditor Training by Intertek Training Malaysia Sdn Bhd 2) Permit to work – PCSB
2) Attending Autoclave Tubing Training (PARKER INLAND)
3) H2S and Mercury Awareness Course

3) Basic Offshore Safety and Emergency Training (BOSET), Safety Orientation for onshore & offshore, Sea Survival, and Helicopter Underwater Escape Training (HUET), Basic Fire Fighting, First Aid CPR / Ear (BOSET) OPITO
4) 2012 – Integrated ISO 14001:2004 & OHSAS 18001:2007 Awareness Seminar by Ascenda Consulting Sdn Bhd
5) 2012 – Project Risk Management & Document Control Briefing for Management Staff

WORKING EXPERIENCES

May. 2021 – present **UMD Energy Sdn. Bhd**

Senior Electrical & Instrument HUC Commissioning Engineer

Work Description: Take a lead role in electrical & instrument by performing assigned projects and plan, schedule, execute and coordinate onshore execution with liaising engineering and construction team which are:

1. Incorporate & review with Engineering team on drawing, technical and design of Instrument & Electrical, scope of work of vendor
2. To conduct techno-comm meeting with 3rd party Vendor to clarify technical discussion
3. Attended for FAT for Trisystem (PMCS/SIS), Swift Energy (Wind Turbine), KHRONE (Wet Gas Metering), BETTIS (SDV), BROADY (PSV)
4. Preparing pre-commissioning procedure for control system, hydraulic system,
5. To execute the CIST with all packages in relation to PMCS/SIS with sub-system (WGM, SAU, SPCS)
6. Participate in review vendor data (schematic, wiring termination, datasheet, GAD) to ensure comply and follow as per design & specification.
7. To monitor construction activity for instrumentation & electrical package
8. Performed pre-commissioning activity and CEM Test
9. Performed commissioning & start-up with operation team

Projects Involved:

CLIENT: PETRONAS CARIGALI (PCSB)

Appointed as Senior Electrical & Instrument Commissioning Engineer for **EPCIC** for PM309 Gas Ledang Redev Segment 2 Development Project for upgrading with new **SUBSEA Well** associated with Subsea Production Control System and interfaced subsea facility from PULAI A, DUYONG B and TIONG A.

Jun. 2021 – present **DAR Energy Sdn. Bhd**

HUC Commissioning Engineer (HUC Originator)

Work Description:

1. To preparing & develop CTR Commissioning procure for Facility Test Performance (PTR), Initial Start –up, Start-up & Shutdown and Maintenance Manual Procedure

Projects Involved:

CLIENT: TANJUNG OFFSHORE SERVICES(T7)

Appointed as seconded commissioning engineer to DAR Energy Sdn. Bhd for **MOPU Bayan Redevelopment Project Gas Phase 2.**

Mac. 2021 – April.2021 **Sapura Energy Berhad**

Commissioning Engineer

Work Description:

1. To develop procedure related to instrument commissioning works start up
2. Coordinated with engineering team in ensuring deliverables like drawings and datasheets are produced timely for the package readiness
3. Review for FAT Procedure SDV, PSV

Projects Involved:

CLIENT: Brunei Shell Petroleum Berhad

Wellhead platform TMM GOREK

July. 2019 – Feb. 2021 **Muhibbah Engineering Sdn Berhad**

Senior Commissioning Electrical & Instrument/Telecommunication Engineer

Work Description: Take a lead role in electrical & instrument by performing assigned projects and plan, schedule, execute and coordinate onshore execution with liaising engineering and construction team which are:

1. Incorporate with Engineering team on drawing, technical and design of Instrument & Electrical, Telecomm scope of work for onshore construction
2. Manage to preparing tender support for bidding project
3. Preparing Technical Bid Evaluation (TBE) for Instrument package including ICSS, WHCP, Choke Valve, Actuated Ball Valve, MPFM, Field Instrument
4. To conduct techno-comm meeting with 3rd party Vendor to clarify technical discussion
5. Involved with DDE stage with Engineering Team
6. Attended for FAT for ICSS(YOKOGAWA), WHCP(BUMIWANGSA), ABV(VALSER), Transmitter (YOKOGAWA).
7. Preparing pre-commissioning procedure for control system, hydraulic system, telecomm and fire & gas detector.
8. To monitor the interfaces with all packages in relation to ICSS & instrumentation disciplines.
9. Participate in HAZOP, ELSOR
10. To monitor construction activity for instrumentation & telecom package
11. Involved with pre-commissioning activity and CEM Test
12. Involved with pre-commissioning Telecomm Package (DMR, VHF,UHF, Radar Beacon)
13. Involved in commissioning start-up well

Projects Involved:

CLIENT: PETROFAC PMY

Appointed as Senior Electrical & Instrument Engineer for **EPCI East Cendor Phase 1** for unmanned Tripod Tower Wellhead platform (ECW-A). For time being, under engineering stage and go through all documentation FEED for preparing equipment & item to be purchase prior commence construction stage.

Apr. 2016 – June. 2019 **Sapura Energy Berhad**

E&I HUC Commissioning Engineer c/w Operation Team Leader (OTL)

Work Description: Take a lead role in electrical & instrument by performing assigned projects and plan, schedule, execute and coordinate offshore execution with liaising engineering and construction team which are:

1. Incorporate with Engineering team on drawing, technical and design of Instrument scope of work for offshore and onshore
2. Preparing work-pack documents for OVERALL offshore scope of work
3. Preparing Job-cards Man-hours manpower and JHA for Electrical & Instrument Scope of work
4. Engaged with commissioning team to preparing & analyzing for schedule of project (pre-comm loop-check and cause & effects)
5. Engaged with vendors for commissioning procedure related package and liaising with engineering on drawing review.
6. Attend TECNO Comm for technical meeting with vendor related to Instrumentation discipline
7. Attend FAT with related package Equipment as to witness and ensure all are fulfil requirement project
8. Development for pre-commissioning & commissioning and preservation procedure of equipment
9. Involved in constructions works for installation field Instruments (transmitter, SDV, BDV, F&G device)

10. Engage with Vendor (SCHLUMBERGER) for Installation Permanent Downhole Gauge (PDG) and (ICV) Wellhead during PRE-SIPROD preparation
11. Engage with DCS Vendor (Foxboro & Trisystem) for interfacing system, CIST, Establish communication, logic & graphics
12. Involved in TA Shutdown Integrated Commissioning and LIVE ESD TEST for BNJT-K & TTJT-A
13. Ensure that all pre-commissioning and commissioning activities are carried out according to stated procedures and agreed schedule
14. Involved with Well Tie-in Campaign commence with construction activity (Installation tubing, PINTAR Transmitter) until well start-up
15. Monitor overall HUC activity during Rig-up, Well Tie-in and Rig-Down (SIPROD) mode.
16. Involved with Telecomm DMR Antenna commissioning

Projects Involved:

CLIENT: PETRONAS CARIGALI

Appointed as Instrument Commissioning Engineer for **EPCC Tukau/Baronia Wellhead Platform (WHP)** which is development of BARDEGG-2 and Baronia EOR (the PROJECT). This project aims to increase oil production from the Baronia oil field through infill drilling, hydrocarbon gas injection and water injection. Tukau Timur (TTJT-A) and Baronia (BNJT-K) will be designed for SIPROD mode. My involvement for both project starts from engineering, construction until commissioning stage as final for start-up related with instruments field.

Mac. 2016 – Apr. 2016 **Sapura energy Berhad**

Field Engineer (HUC)

Work Description: Take a lead role in blasting & painting by performing plan, Schedule, execute and monitoring an offshore activity which is:

1. Monitoring execution work blasting & painting for jacket, topside and bridge
2. Preparation planning for volume of work scope blasting & painting
3. Preparation Daily progress report for coordinate blasting & painting work
4. Manage manpower loading & schedule for blasting & painting

Project Involved:

Appointed as Field Engineer for **Baronia CPP (BNCPP-B)** and BNJT-K Platform for blasting & painting work scoping installation jacket, topside and bridge which are 8 jackets legged. To complete in 1 week's duration.

Oct. 2015 – Jan. 2016 **Sapurakencana Petroleum Berhad (Kuala Lumpur)**

Field Engineer

Work Description: Responsible to monitoring, work closely with project management and ensure effectively and preparation planning for pre- SIPROD activities

Project involved:

Involved in **EPCIC SIPROD** D35DP-B Sarawak water start form pre-drill scope on construction preparation prior activation SIPROD mode.

Sept. 2014 – Aug. 2015 **Sapurakencana Petroleum Berhad (Kuala Lumpur)**

E&I Commissioning Engineer

Work Description: Responsible in developing, completing and maintaining the construction work which are:

1. Monitoring construction work electronic instrumentation scope on platform jacket & IO implementation system.
2. Perform integrated between satellite platform and living quarters platform commissioning IO system (Trisystem, Nera, Schlumberger, Sand Monitoring,

Metering

3. Solving and assist technician on trouble-shooting and perform pre-commissioning
4. Performed Commissioning IO system for 7 Satellite Platform and ensure all interface in function
5. Closed Punchlist and Remaining Works on Instrumentation prior hand-over platforms

Project involved:

CLIENT: PETRONAS CARIGALI (PCSB)

Samarang Redevelopment Project (Phase II) consists of upgrading and modification work on the existing facilities to cater for additional production output due to infill drilling and covered for **revisit drilling (Infill), Integrated Operation (IO),** platform modification and smart well system. My task is more to IO include selected new electronic instrumentation for monitoring and control on jacket platforms.

Aug. 2012 – Aug. 2014 **Sapurakencana Petroleum Berhad (Kuala Lumpur)**

E&I Engineer

Work Description: Responsible in developing, completing and maintaining the construction work which are:

1. Involved on performing Dismantle 3 x 40mmscfd Solar Turbines GTC-LP & HP and 2 x 1mmscfd Cameron LPGRC from offshore platform transfer to onshore
2. Preparation Daily Progress Report (DPR) onshore & offshore to disseminate for PCSB review.
3. Prepare/Reviewed/verified internal Purchase Request and Material Request.
4. Preparing Material Take-Off (MTO) for instruments & electrical parts on turbine package system as per requirement
5. Involving commissioning & start up Turbine package include anti-surge system.
6. Planning and arrangement on the 3rd party and vendor assistance for project execution.
7. Monitoring reassemble rotor bundle parts and witness for balancing degaussing.
8. Attend witness for Valve servicing instruments valve (PCV, CV, HGBV, PSV, ASV)
9. Assist our E&I Technician perform instrument scope for hot loop check, cold loop check and installation instrument part on-site.
10. Attend witness FAT for LPGRC PANEL (Sedia Teguh).
11. Engage and perform pre-comm with vendors (Trisystem, Emerson, R&A Power, CCC).
12. Monitoring closely onshore restoration/refurbishment work at yard.

Project involved:

CLIENT: PETRONAS CARIGALI

Involved brownfield scope in **Restoration and Refurbishment Gas Turbine Compressor (GTC)** SOLAR TURBINES & Low-Pressure Gas Recovery Compressor (LPGRC) Sumandak-B where dismantle and install GTC & LPGRC package and accessories inclusive of all related mechanical piping systems, electrical and instrumentation material require to commission and start-up prior hand-over operations.

Apr. 2012 – July. 2012 **Sapurakencana Petroleum Berhad (Kuala Lumpur)**

Project Engineer

Work Descriptions:

1. Assist for arrangement preparation equipment project (Lifting, rigging, scaffolding)
2. Monitoring on fabrication pad eyes on stabbing guide
3. Arrangement backload/load out items to offshore

Projects involved:

CLIENT: PETRONAS CARIGALI (PCSB)

Installation Riser Guard Sumandak Alfa (SUDP-A)

Jan. 2012 – Feb. 2012 **Transwater API Sdn. Bhd**

Junior Project Engineer

Work Descriptions: Responsible in developing, completing and maintaining the construction work which are:

1. Project planning, coordinating, monitoring for engineering projects
2. To coordinate material project with procurement/sub-vendor
3. Involved technical meeting with sub- vendor
4. Preparing BOM as requirement project.

EDUCATIONAL BACKGROUND

Bachelor's Degree

Institute/University	: University Tun Hussein Onn, Malaysia (UTHM)
Certificate	: Bachelor of Electrical & Electronic Engineering
Major	: Electrical
Year	: 2011

Diploma

Institute/University	: Polytechnic Ungku Omar Malaysia
Certificate	: Diploma in Mechatronics
Major	: Mechanical & Electrical
Year	: 2006

PROFESSIONAL CERTIFICATIONS / MEMBERSHIPS

Institute of Engineers (IEM) Malaysia Graduate Member, (2011)

Board of Engineers (BEM) Malaysia GE (JS-109091) (2018)

REFERENCES

Name: Zainor Abd Rashid

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