

Name : Ismadi Bin Hj Ismail
Contact : ismadiismail_26@yahoo.com
+6011 20050600 (mobile)

Registered Under Board of Engineers Malaysia (92767A)

Education : Bachelor (Hons) Mechanical Engineering

CAREER SUMMARY

- With total **12 years** experienced in Oil and Gas
- With experienced in **Project Engineering and Coordination for Project Management, Topside, SUBSEA, Commissioning Campaign, FAT, Offshore and Onshore Support**
- Experience in **Topside (Onshore Support) – 12 Years (Engineering and coordinator)**
 - Integrated and coordinate element of all activities from planning and work preparation for the project.
 - Prepare the **milestone zero, coordinate** manning crew, crew rotation, tools and equipment for offshore activities
 - Prepare Roadmap, (Pre-Shutdown, Shutdown & Non-Shutdown Scope), (Timeline, Scope Optimization & CAR), Guestimate manhour, IPOP, Hazid, TQ and etc.
 - Review IFC, AFC, Leak Test Procedure, lifting Plan, 3D laser survey drawings, JC, material handling and etc

Experience in **SUBSEA (Onshore Support) – 3 years**

- Prepare the Commissioning Subsea Equipment Procedure (SAPL Pig Launched, SAPL Retrieve & Installation, Pig Reload)
- Experience in **TOPSIDE & SUBSEA (Offshore Support) – 3 years**
 - Start-Up, Pre-Commissioning, Commissioning & Trouble Shoot
- Experience in **Hands-on Exposure – 5 years**
 - Fully tasted and Factory Acceptance Test (FAT) for wide range of Chemical Injection Skid.
 - Trouble Shoot variable type of Chemical Injection Unit
 - Lead the training and workshop for client
- Experience in **Project Engineering / Management – 7 years**
 - Prepared and Produced the P&ID, GA Drawings, Details Drawing and Fabrication Drawing.
 - Interpreted Technical Drawings, P&ID, Codes and Standards as well as Client Specification/Requirements.
 - **Prepared Bid Evaluation / Tenders, Detail Design (Project Execution)** for Chemical Injection Package (CIU), TUTU & HPU
 - Involved in EPC & EPCC (predesigned, design, package costing, and package proposal)
- Knowledge in **(API674, API675) Rotating Equipment** for **Chemical Injection Skid and Tested** the pump based on **API675 spec**
- Knowledge in **(API610, API685) Rotating Equipment** for **Transferring Chemical Skid.**
- Knowledge in **Air/Gas Operated Rotating Equipment** for Transferred and injected the chemical.
- Performed **calculation, details design and fabricated** for **HVAC systems, all type of damper (fire dampers, louvers, adjustable louvers, pneumatic dampers), and**

ductwork system for air conditioning systems based on project requirements and projects documents.

COMPUTER LITERACY

Engineering Software:	Computer skill:
AutoCAD	Microsoft office
CAD-Ideas	Word
CAD-CATIA	Excel
Solid Work	Power Point
Pipe DataPro 9.3	SnagIt 11
AKIMS	
MIPS	

CERTIFICATE OF TRAINING

- Basic Offshore Safety & Emergency Training (BOSET) – Valid until JUN 2023
- Medical - Valid until JUN 2020
- Work Management Procedures (WMP) Training – Megamas Brunei
- Introduction to Lifting & Hoisting Operations (MH-20) – Megamas Brunei
- Incident Investigation (IN-1) – Megamas Brunei
- Senior Management Site Visit Engagement Skills (IMS-6) – Megamas Brunei
- Managing HSE (IMS-4) - Megamas Brunei
- NIOSH Oil & Gas Safety Passport (OGSP) – renewable
- Petronas Offshore Safety Passport (Class A) – renewable

WORKING EXPERIENCES

Company : Adinin Work Engineering (AWE-Brunei Darussalam)
Duration : August 2018 – Present
Post : Lead Project Coordinator / Engineer (West Maintenance Work Boat)

NO.	CLIENT	DESCRIPTION
1.	Aker Solutions & Brunei Shell Petroleum (BSP)	<u>West Maintenance (Raiser Repair & Top Side Return to Services)</u> • Milestone Zero for (Belait Aishah) - Equipment and Man power • <u>Raiser Repair</u> ▪ PID0111 / AMPP12 / DN100 ▪ PID0111 / AMWJ19 / DN100 ▪ PID0066 / AMDP07 / DN200 ▪ PID0107 / AMRP04 / DN200 ▪ PID0242 / FAPP03 / DN250 ▪ PID0082 / AMDP11 / DN300 ▪ PID0086 / AMDP15 / DN300 ▪ PID0086 / AMVJ15 / DN300 ▪ PID0102 / AMPP08 / DN300 ▪ PID0102 / AMPP08 / DN300 ▪ PID0334 / AMDP06 / DN500 • <u>Return to services</u> for AMCX12, AMDP25 and AMWJ14 • Manning manpower for rotation for Belait Aishah crew • Arrange tools and equipment for the project activities • Prepare man power and tools for Ad hoc activities.

Company : Aker Solutions Sdn Bhd (Brunei Darussalam)
Duration : Dec 2014 – Jun 2017
Post : Project Engineer

NO.	CLIENT	DESCRIPTION
1.	Brunei Shell Petroleum (BSP)	<u>Pipeline Replacement Project 4 (PRP4) Top-Site & Offshore Support</u> • 105000 man-hours for topside work. • Located at East Asset (Champion Platform) – CPCB07, CPCA07, CPWJ15, CPWJ23, CPCP10, CPDP11, CPRP11 & CPPP11 • PID 1849 from CPCB07 to CPDP11 (2km), • PID 1794 from CPWJ23 to CPPP10 (1.5km) • PID 1848 from CPWJ15 to CPWJ23 (0.8km) • Two major scope, Shutdown scope and Non-Shutdown scope

Company : Nexus Engineering & Global Technology
Duration : January 2012 – November 2014
Post : Senior Project Engineer

NO.	CLIENT	DESCRIPTION
1.	Petronas Carigali Sdn Bhd Aker Solution Petra Energy	<u>KAKG-B Well Start-Up (Top-Site Offshore Support)</u> • Lead Commissioning Engineer for Chemical Injection Unit (CIU) for KASS-B • Assist Hook up team flushing the H2T (Glycol) for HPU using Hydraulic Flushing Unit (3µm) • Assist Communication test from PMCS to CIU and MCS to CIU • Assist the Start-Up team to start-up KASS-B Well • Assist the commissioning team for Pressure Test & Reinstatement for Methanol, Corrosion Inhibitor, Hydraulic-B (High Pressure/Low Pressure) Line & Vent Line from CIU to TUTU, Umbilical and Christmas tree (5km to subsea) • Assist PCSB/SKO/Operation Team for Emergency Shut Down (ESD) Testing Signal for KAKG Top-Site equipment (CIU & HPU) • Assist PCSB/SKO/Operation Team for 72-hour Endurance Test • Conduct hand-on training (pumps and system) for CIU for SKO personnel
2.	Petronas Carigali Sdn Bhd Aker Solution Petra Energy	<u>KAKG-A Well Start-Up – (Top-Site Offshore Support)</u> • Lead Commissioning Engineer for Chemical Injection Unit (CIU) for KASS-A • Assist Communication test from PMCS to CIU and MCS to CIU • Assist the Start-Up team to start-up KASS-A Well • Assist the commissioning team for Pressure Test & Reinstatement for Hydraulic-A (High Pressure/Low Pressure) Line from CIU to TUTU, Umbilical and Christmas tree (5km to subsea) • Assist PCSB/SKO/Operation Team for Emergency Shut Down (ESD) Actual Test for KAKG Top-Site equipment (CIU & HPU) • Assist PCSB/SKO/Operation Team for 72-hour Endurance Test
3.	Petronas Carigali Sdn Bhd Aker Solution Prosep AP	<u>Calibrate Pressure Relief Valve Campaign for CIU (Topside Onshore/Offshore Support)</u> • Lead Engineer for Troubleshoot the CIU system • Assist Calibration Team to calibrate two Pressure relive valve for corrosion inhibitor line (345 Barg) & two Pressue relive valve for Methanol Line (290 Barg) • Pressurize the CIU system into the operation pressure (284 Barg) and done the leak test.
4.	Petronas Carigali Sdn Bhd Petra Energy Aker Solution	<u>SAPL Pig launched Campaign – (Subsea Onshore Support)</u> • Prepared the SAPL Pig launched Commissioning Procedure (Subsea) • Prepared the Topside Pig Receiving Procedures (Topside)

		- Lead the SAPL Pig Launched Campaign Workshop with Petra / Petronas / Aker Solution - Lead Engineer – Meeting with client and Subcontractor to handle pending issue for SAPL Pig Launched Commissioning Procedure & Topside Pig Receiving Procedure. <u>SAPL Pig launched Campaign – (Subsea Offshore Support)</u> - Lead the Commissioning SAPL Pig Launched Campaign. - Launched 4 Pig used Production Line. - Assist Pig Receiving at Topside
4.	Petronas Carigali Sdn Bhd Petra Energy Aker Solution	<u>SAPL Intervention Campaign – (Subsea Onshore Support)</u> - Prepared the SAPL Intervention Procedure (Subsea) - Pre-Retrieval SAPL / Pre-Retrieval 6" Kicker Line Jumper - Retrieval 6" Jumper / Retrieval SAPL - Reload 4 Pig (1 Carbon Brush Pig + 3 Normal Pig) - Installation for SAPL / Installation for 6" Kicker Line Jumper - Lead the SAPL Intervention Campaign Workshop with Petra / Petronas / Aker Solution - Lead Engineer – Meeting with client and Subcontractor to handle pending issue for SAPL Intervention Campaign Procedure. <u>SAPL Intervention Campaign – (Subsea Offshore Support)</u> - Assist the SAPL Intervention Campaign. - Pre-Retrieval SAPL / Pre-Retrieval 6" Kicker Line Jumper - Retrieval 6" Jumper / Retrieval SAPL - Reload 4 Pig (1 Carbon Brush Pig + 3 Normal Pig) - Installation for SAPL / Installation for 6" Kicker Line Jumper - Launched 1st Pig at KAKG used Production Line. - Assist Pig Receiving at Topside

Company : ProMinent Fluid Control (M) Sdn Bhd
Duration : 2010 August – 2012 January
Post : Project & Sales Engineer

NO.	CLIENT	DESCRIPTION
1.	Prosep AP	<u>KAKG-A/B Well Pre-Commissioning & Commissioning (Top-Site Offshore Support)</u> Pre-Com & Commissioning for Chemical Injection Unit (CIU) at KANOWIT SUBSEA PROJECT - Pressure Test & Reinstatement for Methanol & Corrosion Inhibitor Line from CIU to TUTU, Umbilical and Christmas tree (5km to subsea) - Supervised pump installation at site - Conduct FAT (API675 spec) - Conduct training (pumps and system) - Prepare and compile final project documentation
2.	Petronas Methanol Labuan	<u>Chemical Injection Skid (ProMinent Pump)</u> - Supply 2 non-API chemical dosing skid (HCL acid 38% & NaOH 50%) - Sizing pump model no and specification - Advice and give recommendation to client
3.	Petronas Gas Berhad (CUF)	<u>ProMinent Metering Pump</u> - Supply 11 non-API Sigma/Meta metering pump - Site visit and Identify model no and specification for pump

		Advice to client regarding pump installation
4.	FPSO Ventures (Bunga Kertas)	<u>ProMinent Metering Pump</u> - Supply 2 Sigma metering pump - Produced P&ID for skid - Sizing pump model no and specification - Advice to client regarding pump installation
5.	Optimal	<u>Chemical Injection Skid for Sodium Hypo</u> - Supply 2 Orlita pump completed with chemical injection skid - Produced P&ID for skid - Sizing pump model no and specification - Advice to client regarding pump installation
6.	Petronas Research Bangi	<u>Automatic Ultra Filtration (AUF) cw PH sensor/controller & alkali dosing system for chiller water</u> - Supply 1-unit AUF with completed PH system - Produced P&ID for AUF system - FAT & Commissioning at Petronas Research Bangi

Company : Sanggul Emas Sdn Bhd
Duration : 2009 February – 2010 August
Post : Sales & Services Engineer

NO.	CLIENT	DESCRIPTION
1.	Talisman Malaysia Limited	<u>Portable Chemical Injection skid (Williams)</u> - Produced P&ID for Portable Chemical - Conduct FAT (API675 spec) - Conduct training for client (pumps and system) - Prepare and compile final project documentation
2.	Newfield Peninsula Malaysia (East Piatu Platform)	<u>Williams Pump SAIP Dampener Milton Roy Mixer Instrument</u> - Supply for 12 Williams pump - Identify model no and specification for pump - Cost, estimation for chemical injection project
3.	Gas Malaysia	<u>(Odorant Flow Tracking System – Batu 3 Shah Alam)-Williams</u> - Site visit - Produced P&ID for portable skid (Odorant system – Williams pump) - advice to client regarding pump installation - Cost & estimation for chemical injection project.
<u>Factory Acceptance Test (F.A.T), Site Acceptance Test (S.A.T) and API Test</u>		
4.	PCM Feam	Project Cili Padi for Shell Sarawak-Williams
5.	PCM Feam	Project Teg Regeneration Package for Shell Sarawak install at Gemusut/Kakap –Williams
6.	BC Petrol	Project MRU for Carigali HESS, install at Cakrawala Platform – Williams
7.	Talisman (M) Limited	Portable Chemical Injection skid – William

Work Description:

- Supervised pump installation at site
- Conduct FAT (API675 spec)
- Conduct training for client (pumps and system)
- Prepare and compile final project documentation

8.	GEVEKE	Portable Chemical Injection skid - Williams	
9.	PCM Feam	Project St Joseph Field - Chemical Injection Facilities Upgrade for Shell Sarawak, install at SJJT-H – Milton Roy (CW Actuator)	
10.	Plan & Offshore	Project Corrosion Inhibitor Storage for CPOC - Carigali PTTERI install at JDA Block B-17 – Williams & Willroy	

Company : OSV Engineering Sdn Bhd
Duration : 2007 February – 2009 August
Post : Project Engineer

NO.	CLIENT	Project	Work Description
1.	Swanlin Pacific	<u>Swanlin Pacific HVAC Project</u> HVAC system for flange mounted HVAC unit for use in offshore cabin and is designed for ease of replacement.	Work Description • Troubleshoot & Reverse engineering for broke down HVAC • Design new HVAC using Autocad2009 • Meeting with client for approval • Sources the compressor, reversing valve, manual thermostat etc. • Lead the fabrication team to make sure all the fabrication is on time. • QC and FAT with client before sending it to site.
2.	Simoda Engineering	<u>Simoda Engineering Pneumatic Damper Project</u> 9 pneumatic 1 blade type fire dampers, 1 pneumatic 2 blade type fire damper and 3 Plate Blade Fire Damper. Pneumatic fire damper can be supplied with sensing devices to determine the blade position, smoke heat or high temperature in the air stream using Frangible Bulb Sensor (68°C).	
3.	Chevron Thailand	<u>Damper Project</u> 4 electrical fire dampers, 4 Shut-Off Damper, 2 Pressurizing Damper, 2 Volume Damper, 1 Change over damper & External Ducting arrangement for MCC Room and Emergency Shelter Room.	
4.	Shell Philippine Exploration BV	<u>Shell Philippine Exploration BV– Ducting and Fire Damper</u> 6 Fire Dampers, 4 Shut-Off Dampers 2 Pressurizing Damper and External Duct arrangement for sleeper cabin and office cabin	

REFERENCES

Name : **Haji Mohammad Bin Haji Mohammad Ali (Mr)**
Position : Contract Manager
Company : Adinin Work Engineering Sdn Bhd (Brunei Darussalam)
Contact No. : +673 721 8882
Address : Kuala Belait Officve (SBJ2) Aker Solutions (Brunei Darussalam)
Email : mohammad.ali@adininworks.com

Name : **Vasisht, Ankur (Mr)**
Position : Operation Manager
Company : Aker Solutions Sdn Bhd (Brunei Darussalam)
Contact No. : +6737199837
Address : Kuala Belait Officve (SBJ1) Aker Solutions (Brunei Darussalam)
Email : Ankur.Vasisht@akersolutions.com

Name : **IR Norezani Nazmi B. Ahmad (Mr)**
Position : HUC Manager (Bayan Infield Drilling)
Company : Petronas Carigali Sdn Bhd
Contact No. : +6012-270 4846
Email : nazim_hamid@petronas.com.my