**AZMAN HALIM**

6-21, Laman Midah, Jalan Midah 8, Taman Midah, 56100 Cheras, Kuala Lumpur

Contact: 03-91343406 (house), 019 – 6460006 (h/p) E-mail: [azmanhalim@msn.com,](mailto:azmanhalim@msn.com,) [skyliner000@live.com,](mailto:skyliner000@live.com,) [eddie.gorrila@gmail.com](mailto:eddie.gorrila@gmail.com)

www.linkedin.com/in/azman-halim-commissioning

Top of Form

Bottom of Form

**Curriculum Vitae (C.V)**

Career profile

Over twenty years of working experience in oil and gas project which included major key assignment in offshore hook-up and commissioning (HUC) projects. The works entails familiarity with the stringent offshore regulations, safety regulatory system and offshore project management and controls, sound understanding of the basic startup, commissioning and operational needs and possessed in depth knowledge of 'commissioning driven' as the means of reducing the overall delivery period. Of these projects, all the preceding activities - that is, engineering, procurement and construction are directed not just towards the construction or mechanical completion but also must be aligned to ensure correct sequences for the specific commissioning and initial operations.

Assigned as Project Manager and Lead Engineer for the following projects, mainly to ensure contractual arrangements must be aligned to facilitate interfaces between construction, pre-commissioning and commissioning.

|  |  |  |
| --- | --- | --- |
| **Company** | **Years** | **Descriptions** |
| **Petronas Carigali** | 2007 – 2016 (8 years) | Bardegg 2 Brownfield Project  PC4 Gas Development, Kinabalu NAG, Kumang Development – RM 200 Mil.) |
|  | 2000 – 2005 (4 years) | Electrical Specialist, Hook- Up & Commissioning, Platform Maintenance (Bekok C and PM9 Offshore Maintenance Projects – RM 25 Mil.) |
| **RNZ Consultant** | 2006 - 2007 ( 1 year) | Project Management, Oil & Gas Design Sevices, Sabah Onshore Gas Terminal (SOGT), Dulang WAG Project |
| **Sarawak Shell** | 2005 - 2006 (1 year) | Electrical Hook-Up & Commissioning, Central Luconia Rejuvenation Project |
| **Petra Resources** | 2000 – 2001 (1 year) | Exxon-Mobil Offshore facility redevelopment projects- Irong Barat (IBA), Tapis D. |
| **Orbtech Eng.** | 1999 – 2000 (1 year) | BASF – Petronas Syngas Plant, Gebeng (E & I Contract worth RM 20 Mil) |
| **Kokusai Keiso** | 1998 - 2000 (2 years) | Oil & Gas Construction – Exxon-Mobil Refinery, Port Dickson and KLCC Gas District Cooling Plant (RM 12 Mil.) |
| **Dialog Holdings** | 1996 – 1998 (2 years) | Oil & Gas Construction – Petronas Fuel Bunkering Facilities, Malaysian Acetyls Project, BASF Plant |
| **Sabah Shipyard** | 1992 – 1996 (2 years) | Oil & Gas Fabrication – Dulang-D Topsides, Lawit A (Exxon-Mobil), Self Erecting Drilling Tender Barge |
| **Ryoka (M)** | 1989 – 1991 (3 years) | Plant Maintenance, automatic controls |

# Personal details

Ages at present: 48, Nationality: Malaysian, Gender: Male, Height: 170 cm, Weight: 70 kg, Health: Excellent, non-smoker, Marriage status: Married, with two children.

# Education & professional training

1989 University of Technology, Malaysia (UTM)

Diploma in Electrical Engineering, Major in Electrical (Power)

2001 University of Bradford

Bachelor of Engineering Management

2009 Currently pursuing Master of Science (MSc) in Engineering Business Management, post- graduate (part-time) program conducted by UTM/ University of Warwick

1990 Technical training program in Japan sponsored by Association for Overseas Technical Scholarship (AOTS) of Japan. The areas of training and intensive studies covered six months extensive training on industrial control automation, pneumatic & hydraulic system, electrical engineering, plant maintenance, industrial management, quality assurance and quality control (QA/ QC).

1995 Internal Quality Auditor Training conducted by Neville-Clarke International Ltd. The training provides exposure on organization internal auditing skills and help established the company internal audit practice according to international practice and ISO regulations.

1995 Air conditioning system design using computer aided program. This one-week intensive course is conducted by Applied Technology Conferences.

1996 Programmable Logic Controller (PLC) conducted by SIEMENS.

2000 Basic Offshore Safety Training (BOSET) and Helicopter Underwater Escape Training (HUET)

2003 Basic Offshore Safety Training (BOSET) and Helicopter Underwater Escape Training (HUET)

# Career history

Assigned as hook-up & commissioning (HUC) senior engineer based in KLCC office, fully responsible for the strategic implementation of entire offshore hook-up & commissioning contract. Amongst key responsibilities included:

**Petronas Carigali Sdn Bhd**

Hook Up and Commissioning (HUC) Senior Engineer

July 2007 ~ 2016

* Budget proposal, tender bid strategies, seeking management approval

**July 2007 ~ Present**

* Commissioning Strategy and Electrical Specialist
* Project Management and Contractor supervision
* Electrical Testing & Commissioning
* Marine Spread bid preparations and evaluations
* Manpower management
* Overall project management (offshore activities & marine support)
* Project closure report
* Reporting to department head
* Overall management of PC4 HUC activities until hand over to Operation
* Bardegg2 Development Project
* Company Site Representative

Assigned as Senior Project Engineer responsible for project management and held full responsibility for day to day contract implementation, progress reporting and discipline interface coordination.

**RNZ Integrated** Senior Project Engineer July 2006 ~ 2007

Amongst key responsibilities included:

* Petronas Carigali – Provision of Conceptual & Front End Engineering Design Services for Sabah Oil And Gas Terminal (SOGT) project
* Petronas Carigali – Dulang B Compressed Gas Enhancement Project
* Petronas Carigali – Provision of Conceptual & Front End Engineering Design Services for Sabah Oil And Gas Terminal Project
* Project management, planning and progress reporting
* Engineering review
* Discipline interface and engineering coordination

Assigned as Electrical & Instrumentation Commissioning engineer based in Miri office and held full responsibility for the implementation of E & I hook- up & commissioning contract activities offshore. The scope of works covers all areas of the followings: -

**Sarawak Shell (Central Luconia Rejuvenation Project)**

E & I Commissioning Engineer

Mei 2005 ~ Mei 2006

* Engineering review, procedure writing
* Interface coordination & preparation
* Electrical testing & Commissioning
* Progress reporting
* Troubleshooting
* Start-up commissioning
* Supervision of contractors or vendors, and
* System acceptance dossier

Involved in the commissioning & hand-over activities for platforms E-11 and F-23 rejuvenation project. This included procedure writing, start-up planning, fault findings for fire & gas detection system, plant shutdown system and DCS monitoring.

Assigned as hook-up & commissioning engineer based in KLCC office, fully responsible for the strategic implementation of E & I hook-up & commissioning contract activities offshore. The scope of installation & commissioning included gas turbine compressor (Solar/Ingersoll-Rand), dual fuel system upgrading for turbo generator 800 kVA (Solar), compressed air system, load shedding, motor controller, instrumentation upgrading, electrical system and updating as-built drawings.

**Petronas Carigali Sdn Bhd**

E & I Commissioning Engineer

September 2002 ~ April 2005

(Seconded from EP Engineering)

Reporting directly to section head, involved directly in all areas of engineering review, interface coordination, preparation, planning, progress reporting, troubleshooting, start-up commissioning and supervision on offshore contractors & vendors performance.

The works listed below were completed successfully:

* Bekok-C debottlenecking project was successfully handed over for operation May 2003..
* Erb-West redevelopment project was successfully handed over for operation January 2004.
* West Natuna redevelopment project was successfully handed over for operation January 2005.

Based in PCSB Kerteh regional office this special task provides supports for offshore operations, and responsible for conducting studies and realization of facilities upgrading & modifications for platforms located within PM-9 field. This job function is specific and part of overall strategic planning ensuring support from shore base for offshore contract operations.

**Petronas Carigali Sdn Bhd**

Maintenance Engineer Sept 2001 ~ Sept 2002 (Seconded from Cito Petroleum)

The scope of responsibilities as per the followings:

* Platform Bekok-C maintenance focal person reporting directly to area operations manager
* Managed electrical & instrument system upgrading projects which included engineering details preparation, budgetary and strategic planning
* Prepared operation and maintenance manuals for Bekok-A platform
* Realization of fire & gas alarm system upgrading project for PM-9 platforms
* Realization of soft starter applications for crude oil & condensate pumping system for offshore production
* Realization of flare tip upgrading involving field removal, installation, trouble shooting, start-up commissioning and hand over to operation
* Reviewed plant change request and carried out cost estimation and budget proposal
* Involved in the start-up commissioning & hand over for full operation inclusive system acceptance dossier.

Assigned as Project Engineer for offshore platform retrofit contracting package for Exxon-Mobil Malaysia. Significant contributions included the completion of Exxon-Mobil offshore retrofit projects known as Irong Barat A (IBA) redevelopment project phase II and Tapis D redevelopment. The scope of responsibilities and achievement included the followings: -

**Petra Resources Sdn Bhd**

Project Engineer

Sept 2000 to Sept 2001

* Developed project execution strategy based on consolidation of recommendations and findings jointly developed by the construction team, design engineers and Exxon-Mobil.
* Prepared shutdown execution strategy emphasizing on careful planning to ensure zero interruption and minimum shortfalls during shutdown
* During implementation, monitored closely and managed the works to ensure satisfactory completion of hook-up & tie-in activities without major complications.
* Achieved target to complete the replacement of carbon steel firewater pipeline and deluge system at IBA with duplex piping in timely manner without compromising safety
* In charge of overall strategic planning, which included involvement in the overall start-up commissioning, hand over procedure, sourcing of equipment, manpower resources, materials and compilation of technical dossier.

Assigned as E & I Senior Project Engineer for the construction of BASF Petronas Syngas Plant located in Gebeng, Kuantan. The E & I construction covers above ground & underground cabling, low & high voltage switchgears, motor controls, flare ignition system, overhead crane, tubing installation, metering, fire & gas system, plant monitoring & control system, process control devices, pumping system, electrical grounding, UPS, diesel generator etc.

**Orbtech Engineering Corporation Sdn Bhd** Senior Project Engineer Dec 1999 to Aug 2000

The scope of responsibilities included project management, strategic planning, construction interface, and progress reporting & overall site coordination for electrical & instrumentation (E & I) construction subcontract activities as per the followings:

* Involved in the initial planning stage such as preparation of site facilities, workforce planning and construction planning
* Involved in the interface coordination with piping and mechanical to minimize interference, analyzed problems and held responsible for implementation of corrective measures.
* Prepared systematic progress reporting on daily & weekly basis and held responsible for obtaining client's representative acceptance ensuring healthy payment
* Controlled & planned site financial budget and cash flow.
* Maintained excellent rapport with client and sub-contractors and handled direct liaisons with all disciplines at all levels to ensure timely completion without compromising safety.

Involved in the start-up commissioning, hand over and prepared system acceptance dossier.

Responsible for electrical & instrumentation installation and commissioning contract activities for KLCC gas district cooling project (April 99 ~ October

**Kokusai Keiso (M) Sdn Bhd** Construction Manager August 1998 to

November 1999

99) & upgrading of Exxon-Mobil refinery for multi-pipeline pumping system (Aug 1998 ~ March 1999)

The multi-task activities entails familiarity within various applications such as field control instrument, pneumatic system, shutdown system, CCTV, boiler system, heat recovery system, gas turbine compressor, metering, sampling system, water treatment system etc.

The followings were carried out successfully during the assignment:

* Managed and controlled liaison with clients including meetings, discussions, correspondence and dealing with governing bodies
* Managed and controlled documentation including maintenance of updated data records, correspondence and ensured as-built information program was up to date
* Planned and prepared systematic progress reporting agreed by client site representative ensuring smooth progress claims.
* Coordinated construction interface with piping and mechanical to minimize interference complications.
* Conducted analytical review based on site observations and where applicable coordinated construction changes to resolve complications.
* Managed and coordinated meetings with contractors, making proposal for solutions of problems and ensured conformance to project requirements
* Coordinated QA/QC system inclusive commissioning of equipment, functional checks, and prepared system acceptance dossier completed with system operation, as built information and test records
* Monitored & implemented safety standards and policy for safe working at construction site
* Managed and controlled financial inclusive budget planning & cash flow
* Involved in the preparation of materials take-off and purchase inquiry package

Involved in the start-up and commissioning activities including trouble shooting and vendors coordination

Coordinated well as team player and successfully managed interfacing between various engineering disciplines such as piping, mechanical, electrical and instrument. The E & I construction covers installation and commissioning of radar type tank gauging, field control instrument, crude oil pumping system, motorized operated valves, blending system, shutdown system, custody transfer metering, loading arm, pneumatic system, fire alarm, L.V switchgears, transformer, PLC based plant monitoring, CCTV, diesel generator, diesel fire water pump etc.

**Dialog Holdings Sdn Bhd**

Lead E & I Engineer Field Electrical Engineer

July 1996 to August 1998

The scope of experiences included the followings:

* Prepared E & I works package for subcontractor to enter bid and managed, directed and coordinated subcontractors & vendors ensuring safe completion of the projects
* Prepared construction schedule, strategic planning, manpower planning and materials requisition package for tender inquiry
* Reviewed works procedure, coordinated, supervised E & I works carried out by contractors/ vendors
* Coordinated and assisted vendor in establishing PLC philosophy and functional requirements
* Involved in the start-up and commissioning activities that include troubleshooting, coordination of vendors, witnessing and reviewing detailed method statement and performance test results indicating the sequence timing and maintained functional records for each system tested.
* Managed, directed and supervised the compilation of equipment specifications, as built document and acceptance test records for hand over dossier.

During this assignment had successfully managed and completed the following projects:

* December 1997 to August 1998 assigned as Field Electrical Engineer for Malaysian Acetyls Project a joint venture between BP, Petronas and Kvaerner
* June 1997 to December 1997 assigned as E & I engineer for Kerteh Centralized Tankage Facility Project (KCTF) a joint venture between Petronas, GATX & Dialog Holdings
* March 1996 to June 1997 assigned as lead E & I engineer for Petronas Bunkering Facilities Project located in Pulau Indah, Wesport, Pelabuhan Kelang

Worked as a team player, coordinated well within group and with other engineering discipline. The nature of job entails familiarity with the engineering codes, standard & practices of oil & gas industry and local governing bodies

**Sabah Shipyard Sdn Bhd**

Electrical Engineer September 1992 to

March 1996

The construction scope covers field electrical devices, cabling works, heat tracing system, lifeboat system, HVAC, lighting system, UPS system, crane, diesel gen-set, marine radio system, fire & gas system etc.

The scope of responsibilities covered the following areas:

* Reviewed equipment design, implemented design changes when necessary, involved in selection of vendors, field installation and involved in commissioning.
* Reviewed and evaluated technical proposals and vendor drawings ensuring conformance to the regulations, standards and contract specifications.
* Supervised, monitored and administered a group of 12 designers for the preparation of fabrication details, equipment layout, cabling route, cable tray & ladder details, lighting system, single line diagram, wiring details and schematic diagram.
* Involved in start-up commissioning, witnessed and reviewed detailed method statement, performance test result indicating the sequence timing and maintained functional test records for each system commissioned.
* Prepared bill of materials and technical specifications for procurement inquiry.
* Performed technical evaluation on vendors’ proposal and finalized recommendation for tender approval.

During the above assignment had successfully completed the following projects:

* July 1995 to March 1996 assigned as Electrical Engineer for the fabrication of Lawit A production modules inter platform bridge consisting of five production modules for ExxonMobil Malaysia
* September 1994 to July 1995 assigned as Electrical Engineer for the fabrication of Dulang D Topsides offshore platform for Petronas Carigali

September 1992 to July 1995 assigned as Electrical Engineer for Al- Baraka 1, Self Erecting Drilling Tender Barge (mobile offshore drilling unit) owned by Chevron.

Assigned as Maintenance Engineer responsible for overall coordination and preventive planning of plant maintenance program for heavy duty hydraulic powered plastic injection molding machineries and the associated equipment such as drier, robotic arms, electro-pneumatic equipment, compressor, belt conveyor system, hydraulic crane, crusher machine, LV switchgear, chiller, lighting system and overall factory automation system.

**Ryoka (M) Sdn Bhd** Maintenance Engineer March 1989 to Jan 1991

The scope of experiences cover maintenance of electrical system and factory automation as per details below:

* Troubleshoots, fault finds, repairs and maintained the whole factory automation system and machinery by providing day to day servicing, as part of preventive maintenance program
* Maintained work sheet records and performed schedule inspection program
* Prepared spare parts requisition list for factory maintenance
* Monitored equipment performance including observations on associated devices, electrical and hydraulic system.

Attended six months technical training course in Japan. Area of training included on job training at plant and Mitsubishi Heavy Industry (MHI) service center, which covers industrial control automation, pneumatic & hydraulic system, electrical engineering, plant maintenance, industrial management and QA/ QC implementation.

# References

Available upon request