

Curriculum Vitae

Objective

- Looking for a change in working environment to gain new knowledge.



NAME : Tan Xhen Jun (IC No. 890804-05-5515)

POSITION : Process Engineer

DATE OF BIRTH : 04/08/1989

ADDRESS : No. 29, Jalan USJ 3/1, 47600 Subang Jaya, UEP Subang Jaya, Selangor.

NATIONALITY : Malaysia

HIGHER EDUCATION & QUALIFICATION : - Masters (Business Administration)
University Malaya - (On-going, 2017)

- Degree (Chemical Engineering)
University of Tunku Abdul Rahman (UTAR) - (May 2012)

- Foundation (Science)
University of Tunku Abdul Rahman (UTAR) - (May 2008)

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IEM MEMBER NO. : 60026

WORK EXPERIENCE

July 2012 - Present

SAPURAKENCANA PETROLEUM BHD (SAPURAKENCANA ENGINEERING SDN BHD)

Process Engineer

Ongoing Projects

- EPCC for BNJT-K Remote Wellhead Platform (Petronas Carigali Sdn. Bhd.)
 - DDE Consultant: In-House Engineering by SapuraKencana Engineering Sdn. Bhd.
 - Prepared Reports such as Process Basis of Design, Process Safeguarding Memorandum, Relief and Blowdown Report and SIPROD Narrative and Philosophy.
 - Performed Calculations such as Blowdown Calculations, Relief Valve Sizing, Potable Water Storage Tank Sizing, Produced Water & Bullhead Injection Pump

Sizing, Instrument & Utility Air Receiver Sizing, Diesel Storage Tank and Diesel Transfer Pump Sizing.

- Prepared Process Datasheets for Pressure Safety Valve, Produced Water Pump, Bullhead Injection Pump, Potable Water Storage Tank, Instrument & Utility Air Receiver and Diesel System.
 - Assisted in P&ID markup, Line List, Process Safeguarding Flow Scheme, Cause & Effect Matrix, Safe Chart, Equipment Sizing Calculations Report and Relief & Blowdown Report.
- EPCIC Remote Wellhead Platforms – Kesumba, Bergading C & Bergading D (HESS)
- DDE Consultant: Aker Engineering Malaysia Sdn. Bhd. (Stationed at Aker's office for the duration of DDE).
 - Reviewed Consultant's Process deliverables before being issued to Client to ensure compliance to Company Specifications, Codes & Standards.
 - Reviewed Process deliverables such as Process Design Basis, Relief and Blowdown Reports, Process Control & Operating Philosophy, Process & Utility Calculations, Process Datasheets, HMB, P&IDs, Cause & Effect Matrix, Safe Chart, Shutdown Logic Diagram, Alarm & Trip Schedule and Line List.
 - Prepared Follow-On Engineering Notice (FOEN) on all Process related design updates and changes. Assisted other disciplines on Follow-On Engineering by providing Process Input to relevant FOEN.
 - Attended HAZOP and SIL Workshop.
 - Reviewed Vendor Data for all package related items.
 - Prepared Operating Procedures for Process related systems (Still On-Going).

Completed Projects

- Kasawari Gas Development Project FEED (Petronas Carigali Sdn. Bhd.)
- FEED Consultant: MMC Oil & Gas Engineering Sdn. Bhd. (Stationed at MMC's office for the duration of FEED as part of task force).
 - Prepared Process deliverables such as Process Basis of Design, Start-up & Shutdown Philosophy, Maintenance & Isolation Philosophy, Process Control & Safeguarding Philosophy, Mercury Management Philosophy Report, Heat & Material Balance and Line List.
 - Assisted in PFD & P&ID markup and Relief Valve Sizing.
- Serendah Topsides & Accommodation, SN-PA & SN-AA EPCC (Murphy Sarawak Oil Corp.)
- DDE Consultant: Perunding Ranhill Worley Sdn. Bhd.
 - Reviewed Process deliverables such as Process Design Basis, Relief Study Report, Process Control & Start-Up Philosophy, Process Safeguarding & Shutdown Philosophy, Blowdown & Low Temperature Study Report, Process &

Utility Calculations, Process Datasheets, HMB, PFDs, P&IDs, Cause & Effect Matrix, and Line List.

- Prepared First Oil Systems Requirement including First Oil Report which provide detailed description of systems to be started up during First Oil Campaign and P&ID markups related to First Oil to ensure a smooth First Oil Campaign.
 - Prepared Operating Manual for Serendah Topsides on Vendor Packages such as Chemical Injection System, MP & LP Gas Recovery Compressor Package, Seawater Filtration Package, Gas Lift Compression Package, Vacuum Deaerator Package, Fuel Gas Package and etc.
 - Reviewed Operating Procedure for Serendah Topsides on main process systems such as Oil Well Operations, Oil Well Testing, Separation & Stabilization, Pigging and Produced Water System.
 - Attended HAZOP for First Oil Systems.
 - Reviewed Vendor Data for several packages including LP & MP Gas Recovery Compressor System, Gas Lift Compression System, Produced Water System, Vacuum Deaerator System, Fuel Gas System and etc.
 - Attended FAT and Final Inspection for Vacuum Pump Skid.
 - Assisted in handling Seawater Filtration Package and Vacuum Deaerator Package.
- Patricia Topsides, PT-SA EPCC (Murphy Sarawak Oil Corp.)
- DDE Consultant: Perunding Ranhill Worley Sdn. Bhd.
 - Reviewed Process deliverables such as Process Design Basis, Relief Study Report, Process Control & Start-Up Philosophy, Process Safeguarding & Shutdown Philosophy, Blowdown & Low Temperature Study Report, Process & Utility Calculations, Process Datasheets, HMB, PFDs, P&IDs, Cause & Effect Matrix, and Line List.
 - Prepared Operating Manual for Patricia Topsides on Vendor Packages such as Chemical Injection System, Gas Lift Compression Package, Fuel Gas Package and etc.
 - Reviewed Operating Procedure for Patricia Topsides on main process systems such as Gas Well Operations, Gas Well Testing, Export & Pipeline and Pigging.
 - Reviewed Vendor Data for several packages including Gas Lift Compression System, Chemical Injection System and Fuel Gas System.
 - Prepared Post-AFC and As Built for several documents including Cause & Effect Matrix, Line List, PFD, P&ID and Valve Index.
- JDA Gas Balancing Evacuation Project EPCC (CPOC & Trans Thai Malaysia Sdn. Bhd.)
- DDE Consultant: In-House Engineering by Kencana Bestwide Sdn. Bhd.

- Attended HAZOP session for Vendor Packages such as Chemical Injection Package, Gas Metering Package, Diesel System & etc. as a scribe.
- Attended Smooth Start-Up & Commissioning Workshop organized by Petronas.
- Laila, D12 and F14 Fuel Gas Skids (Sarawak Shell Berhad)
 - DDE Consultant: In-House Engineering by Kencana Bestwide Sdn. Bhd.
 - Prepared Heat & Material Balance for Laila, D12 and F14 Fuel Gas Skids.
 - Prepared P&ID markup and Operating Manual.
 - Assisted in the overall design of all three Fuel Gas Skids.

SKILLS

- Hysys V8.6, Flarenet.
- Bloomberg Terminal.
- Microsoft Window (95 and above)
- MS Office (Words, Excel, PowerPoint etc.)
- Class D Driving License
- Autocad (CAD) – Certified Autocad 2013 User
- Registered BEM member.

LANGUAGES

- Bahasa Malaysia (Good).
- English (Good).
- Mandarin (Good).

Extra Curricular Activities

- Badminton
 - Represented UTAR during my university life (As team captain in some tournaments).
 - Won several tournaments representing UTAR in individual and team events.
 - Currently holding Badminton Association of Malaysia (BAM) Level 1 coaching.
 - Actively coaching others during my free time.

Salary

Current : RM 3850