

JOSE CAMPINS

Project and Engineering Manager Professional

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EXPERIENCE

Engineering Manager Consultant

Freelance Consultancy

📅 April 2020 – Ongoing 📍 Bangkok, Thailand

Currently offering independent process engineering consultancy services to upstream Oil and Gas Clients across Asia Pacific. Main engineering services include:

- Conceptual and feasibility studies
- FEED studies
- Proposal preparation
- Detailed engineering development
- Hazop and Hazid participation
- Skid process engineering design
- Plant debottlenecking studies
- Field rejuvenation studies
- Operation troubleshooting and audits

Front end engineering services include:

- Functional basis preparation
- Option evaluation
- Basis of design preparation
- Process simulation (steady-state / dynamic)
- Slug modelling
- Relief & blowdown studies, including flare radiation studies
- Process flowsheet preparation
- P&IDs preparation
- Equipment sizing (static and rotating)
- 2D Layout preparation

In addition, through collaboration with specialized partners, we can assist in the preparation of decommissioning studies, including WBS cost estimates.

APAC Production Product Line Manager

Expro Overseas Inc.

📅 May 2018 – March 2020 📍 Bangkok, Thailand

During this assignment in the Asia Pacific region, the main responsibilities of my role were:

- Shaping and executing product service line strategy in line with the core business strategy.
- Make recommendations on strategic growth and sustainment strategies pertinent to the production service line covering Early Production Facilities, MOPUs, and Production Enhancement offerings.
- Financial planning for all production-related offerings, its sustainability, and for yearly operating plan goals and budgets.
- Generating product portfolio strategies.
- Serve as the product expert and provide training and guidance for sales and field service.

SKILLS

Project Management	●●●●●●
Flowsheeting & Simulation	●●●●●●
Process Equipment Sizing	●●●●●●
Process Design Reviews	●●●●●●
Process Safety Reviews	●●●●●●
PFD & P&ID Drafting	●●●●●●
Flare Network Studies	●●●●●●
Gas Dispersion Studies	●●●●●●
Process Debottlenecking	●●●●●●
Conceptual Engineering	●●●●●●
FEED Engineering	●●●●●●
Detailed Engineering	●●●●●●

STRENGTHS

- Leadership
- Hard-working
- Attention to detail
- Motivator & Leader
- Ability to work as part of a team
- Good Problem Solving Skills
- Excellent Technical Knowledge
- Building a positive and proud team culture
- Safety minded

SOFTWARE SKILLS

Aspen Hysys	●●●●●●
Aspen Air Cooled Exchanger	●●●●●●
Aspen Shell & Tube Exchanger	●●●●●●
Aspen Plate Exchanger	●●●●●●
Aspen Plate Fin Exchanger	●●●●●●
Aspen Basic Engineering	●●●●●●
Aspen Flare System Analyzer	●●●●●●
HTRI	●●●●●●
Pipenet	●●●●●●
Flaresim	●●●●●●
Autocad (2D)	●●●●●●
Autocad P&ID	●●●●●●
Matlab	●●●●●●
Mathcad	●●●●●●
Chemcad	●●●●●●
Microsoft Office Suite	●●●●●●
Microsoft Projects	●●●●●●

LANGUAGES

English	●●●●●●
Spanish	●●●●●●

EXPERIENCE

Engineering Manager

Expro International Group

📅 January 2018 – April 2018

📍 Dubai, UAE

During this assignment in the MENA region, the main responsibilities of my role were:

- Starting up a new project management and engineering office in Dubai to support the group in tendering and project activities, including candidate screening, interview, selection and mentoring.
- Providing direction and leadership to the Lead Engineers during both tendering and detailed design activities.
- Coordinating multi-discipline interfaces to properly address these with resolution of technical issues in a timely manner.
- Managing engineering interfaces across the Project Management Team.

Engineering Team Leader

Expro Overseas Inc.

📅 March 2013 – December 2017

📍 Bangkok, Thailand

During this assignment in the Asia Pacific region, the main responsibilities of my role were:

- Providing support and expertise to the Project Engineering Team during the conceptual, FEED and execution phase to ensure an integrated solution and design that meets the project's defined safety, quality, and operability requirements.
- Providing cross-discipline coordination of work activities for discipline engineers assigned to the Project's Engineering Team.
- Implementing and executing engineering processes and procedures.
- Preparation of company procedures and standards.
- Managing engineering interfaces across the Project Management Team.

Senior Process Engineer Consultant

Expro International Group

📅 March 2012 – March 2013

📍 Reading, United Kingdom

During this contracting role, I rotated between the Expro UK and PTI Thailand office involved in the design and engineering of a number of Early Production Facilities being supplied to PDVSA.

During this time I coordinated a multi-discipline team in the Bangkok Expro PTI office with regular visits to the client offices in Maturin, Venezuela. The main responsibilities of my role were:

- Preparation of technical proposals for oil and gas processing facilities, including the development of process design deliverables and the budgeting of capital and operating costs.
- Preparation of process engineering deliverables on construction projects and process engineering support to operational production facilities.
- Developing high-value process designs with the highest standards of engineering integrity, safety and environmental protection.
- Preparation of Hysys, Flarenet and Flaresim simulation reports for oil and gas production facilities.
- Managing project interfaces with client and suppliers.

EDUCATION

MSc in Decommissioning

University of Aberdeen

📅 September 2017 – November 2019

This 2-year part-time MSc prepared me to meet the increasing demand in the Oil & Gas industry for experts in decommissioning of oil rigs, platforms and offshore structures.

My thesis consisted in developing corrosion models for simulation of pipeline corrosion in the marine environment, and the comparison of corrosion mechanisms and rates in the North Sea and the Gulf of Thailand.

MSc in Environmental Diagnostics

Cranfield University

📅 October 2004 – September 2005

This 1-year full-time MSc prepared me to meet the increasing demand in industry, consultancies and the education and public sectors for environmental advisors and officers.

My thesis consisted in the development of an Electronic Nose for the application in Sewage Treatment Works, within the Research & Development Team for Yorkshire Water (Bradford, UK) in partnership with Manchester University of Technology (UMIST).

M.Eng. in Chemical Engineering

Polytechnic University of Valencia

📅 September 1999 – July 2004

5-year full-time M.Eng. in Chemical Engineering, including the following main competencies:

- Familiarity with all process design safety requirements.
- Possessing an excellent team spirit and capable of interacting effectively with other discipline engineers.
- Comprehensive understanding of government and industry related rules and regulations.
- Familiar with Chemcad, Hysys, Matlab, Solidworks and Autocad.
- Knowledge of both mechanical and instrument engineering.
- Able to work in cross-functional projects.
- Experience of absorption, evaporation, distillation and electromagnetic equipment.
- Able to perform predictive and root cause analysis of problems and then initiate corrective action.

EXPERIENCE

Senior Process Engineer

Cameron Process Systems

📅 September 2006 – March 2012 📍 Rugby, United Kingdom

During this role I was responsible for:

- Generating Process Engineering, Process Simulation and Engineering Drawings like PFDs & P&IDs.
- Developing high value process designs with the highest standards of engineering integrity, safety and environmental protection.
- Selection and design of correct processes in the project, leading towards optimization in terms of technology, time of implementation and cost.
- Preparation of Line Designation Tables, Process Data Sheets, Vessel & Tank Data Sheets, Instrument Data Sheets, Equipment Lists and Technical Offers.
- Vessel Sizing, Line Sizing, Blowdown Calculations, Flare Radiation & Gas Dispersion Calculations and PSV Sizing.
- Preparation of Cause & Effect Diagrams, Alarm & Trip Setting Lists, Basis of Designs, Functional & Control Logic Descriptions.

TECHNICAL SKILLS

- **Flowsheeting and Process Simulation:** Considerable experience and expertise in developing flowsheets. Optimum flowsheets configurations developed using state-of-the-art process simulation software such as Aspen Hysys
- **Process Design Reviews / Hazop Reviews:** Participated in over 30 Hazard and Operability Studies
- **Process Flow Diagram & P&ID Development:** Developed process flow diagrams & piping and instrument drawings from initial concept to final design
- **Process Equipment Sizing / Control Valve Characterization / Relief Valve Sizing:** Carried out process equipment sizing calculations including other engineering calculations for piping sizing and instruments specification
- **Act as Technical Authority** on engineering design & engineering topics

HOBBIES

- Avid basketball player
- Freelance programming & website development
- Personal learning and development

LATEST MAJOR PROJECTS UNDERTAKEN

For an updated project reference list, please refer to my resume website on www.josecampins.com

Compact Pipeline Flushing Package

Chevron Thailand Exploration and Production Ltd

📅 2021

📍 Offshore Thailand

Engineering and Project Manager

My role and responsibilities included the provision of project management and engineering services for the design, engineering and supply of a compact pipeline flushing package for deployment in the Gulf of Thailand.

My deliverables included:

- Project Schedule and Planning
- Project Budget Estimation
- Project Resourcing Estimation
- Project Reporting
- Equipment Sizing (static and rotating)
- Instrumentation Sizing and Definition
- Complete set of PFDs
- Complete set of P&IDs
- Complete set of Equipment Datasheets
- Complete set of Instrumentation Datasheets
- Participation in Hazop and preparation of Hazop Report
- Preparation of FAT Procedures
- Preparation of O&M Manuals
- Installation & Commissioning Troubleshooting

Automated Seawater Modular Injection Unit

Chevron Thailand Exploration and Production Ltd

📅 2021

📍 Offshore Thailand

Engineering and Project Manager

My role and responsibilities included the provision of project management and engineering services for the design, engineering and supply of a modular and automated Seawater Injection Unit for deployment in the Gulf of Thailand.

My deliverables included:

- Project Schedule and Planning
- Project Budget Estimation
- Project Resourcing Estimation
- Project Reporting
- Equipment Sizing (static and rotating)
- Instrumentation Sizing and Definition
- Complete set of PFDs
- Complete set of P&IDs
- Complete set of Equipment Datasheets
- Complete set of Instrumentation Datasheets
- Participation in Hazop and preparation of Hazop Report

- Preparation of FAT Procedures
- Preparation of O&M Manuals
- Installation & Commissioning Troubleshooting

Automated Well Unloading Package

Chevron Thailand Exploration and Production Ltd

📅 2021

📍 Offshore Thailand

Engineering and Project Manager

My role and responsibilities included the provision of project management and engineering services for the design, engineering and supply of a modular and automated Well Unloading Package for deployment in the Gulf of Thailand.

My deliverables included:

- Project Schedule and Planning
- Project Budget Estimation
- Project Resourcing Estimation
- Project Reporting
- Equipment Sizing (static and rotating)
- Instrumentation Sizing and Definition
- Complete set of PFDs
- Complete set of P&IDs
- Complete set of Equipment Datasheets
- Complete set of Instrumentation Datasheets
- Participation in Hazop and preparation of Hazop Report
- Preparation of FAT Procedures
- Preparation of O&M Manuals
- Installation & Commissioning Troubleshooting

100,000 BPD Seawater Injection Topside

Trendsetter

📅 2020

📍 Offshore GoM

Lead Process Engineer

My role and responsibilities included the provision of Basic Engineering and Design Services for the supply of a 100,000 BPD Seawater Injection Topside for deployment in the Gulf of Mexico.

My deliverables included:

- Equipment Sizing (coarse filters, fine filters, deaerator tower, vacuum package, seawater lift & injection pumps, etc.)
- Complete set of PFDs
- Complete set of P&IDs
- Complete set of Datasheets
- Equipment List

- Equipment Layout
- Technical Proposal
- Preparation of Project Schedule
- Preparation of Project Specifications
- Preparation of Equipment RFQs
- Preparation of Cost to Build
- Preparation of Vendor Bid Evaluation

Semi-Automated Well Unloading Package

Chevron Thailand Exploration and Production Ltd

📅 2020

📍 Offshore Thailand

Engineering Lead

My role and responsibilities included the provision of engineering services for the design, engineering and supply of a modular and semi-automated Well Unloading Package for deployment in the Gulf of Thailand.

My deliverables included:

- Equipment Sizing (static and rotating)
- Instrumentation Sizing and Definition
- Complete set of PFDs
- Complete set of P&IDs
- Complete set of Equipment Datasheets
- Complete set of Instrumentation Datasheets
- Participation in Hazop and preparation of Hazop Report
- Preparation of FAT Procedures
- Preparation of O&M Manuals
- Installation & Commissioning Troubleshooting

SF-30 6,000 BPD Seawater Modular Injection System

Hibiscus Petroleum

📅 2019

📍 Offshore Malaysia

Engineering Lead

My role and responsibilities included the provision of project management and engineering services for the fast track supply of a modular & semi-automated SWIMS for deployment offshore Malaysia.

My deliverables included:

- CAPEX and OPEX budget estimation
- Preparation of technical and commercial proposals
- Closure of all technical and commercial queries pre-award
- Equipment Sizing
- Complete set of PFDs
- Complete set of P&IDs
- Complete set of Equipment Datasheets
- Participation in Hazop and preparation of Hazop Report
- Preparation of FAT Procedures
- Preparation of O&M Manuals
- Installation & Commissioning Troubleshooting

B80 MOPU Topsides

HOEC

📅 2019

📍 Offshore India

Project Sponsor

During this role I was responsible for the overall engineering and design of MOPU topside facilities capable of processing up to 10,000 BPD liquids & 15 MMSCFD of gas production from Block B-80 field.

Ingenium II Switchgear and Control System Modules

KrisEnergy

📅 2019

📍 Offshore Cambodia

Project Sponsor

During this role I was responsible for the engineering, design and project management of ICSS and switchgear containerised modules for a production barge deployed in the Apsara oil field, offshore Cambodia.

Produced Water Deoiling Hydrocyclone Package

Mubadala Petroleum

📅 2018

📍 Offshore Thailand

Project Manager

During this role I was responsible for the engineering, design and project management of a number of upgrades for improving the efficiency of an existing two stage EPCON CFU package.

P.W. Compact Flotation Package

Mubadala Petroleum

📅 2018

📍 Offshore Thailand

Project Manager

During this role I was responsible for the engineering, design and project management of the fast track supply of a CFU Package comprising a highly compact and high efficiency two stage compact flotation unit.

Bulk Water Removal System

KrisEnergy

📅 2017

📍 Offshore Thailand

Project Manager

During this role I was responsible for the engineering, design and project management of a Partial Processing System designed to remove bulk water from the production manifold of highly liquid constrained processing topsides.

35 MMSCFD Modular Gas Processing Facility

HOEC

📅 2016

📍 Onshore India

Engineering Lead

During this role I was responsible for the overall engineering design of a Modular Gas Processing Plant supplied on a fast track basis, including, but not limited to:

- Initial equipment sizing & vendor liaison during tendering process
- CAPEX and OPEX budget estimation
- Preparation of the Technical Proposal
- Detailed engineering post order award
- Leadership of a multidisciplinary engineering team from concept right through to commissioning

50,000 BPD Extra Heavy Oil Modular Early Production Facility

PetroSinovensa

📅 2015

📍 Onshore Venezuela

Engineering Lead

During this role I was responsible for the engineering and design of an onshore modular Early Production Facility designed to process up to 38,000 BPD API 8° extra heavy crude with 12,000 BPD diluent, 5,000 BPD produced water & 16.5 MMSCFD of gas.

In addition, I was also responsible for overall Installation and Commissioning scope comprising Client and Contractors liaison activities in country.

50,000 BPD Extra Heavy Oil Modular Early Production Facility

PetroJunin

📅 2014

📍 Onshore Venezuela

Engineering Lead

During this role I was responsible for the engineering and design of an onshore modular Early Production Facility designed to process up to 30,000 BPD API 8° extra heavy crude with 20,000 BPD diluent, 5,000 BPD produced water & 16.5 MMSCFD of gas.

In addition, I was also responsible for overall Installation and Commissioning scope comprising Client and Contractors liaison activities in country.

50,000 BPD Extra Heavy Oil Modular Early Production Facility

PetroMiranda

📅 2014

📍 Onshore Venezuela

Engineering Lead

During this role I was responsible for the engineering and design of an onshore modular Early Production Facility designed to process up to 38,000 BPD API 8° extra heavy crude with 12,000 BPD diluent, 5,000 BPD produced water & 16.5 MMSCFD of gas.

In addition, I was also responsible for overall Installation and Commissioning scope comprising Client and Contractors liaison activities in country.

50,000 BPD Extra Heavy Oil Modular Early Production Facility

PetroIndependencia

📅 2013

📍 Onshore Venezuela

Engineering Lead

During this role I was responsible for the engineering and design of an onshore modular Early Production Facility designed to process up to 30,000 BPD API 8° extra heavy crude with 20,000 BPD diluent, 5,000 BPD produced water & 16.5 MMSCFD of gas.

In addition, I was also responsible for overall Installation and Commissioning scope comprising Client and Contractors liaison activities in country.

15,000 BPD / 5 MMSCFD Modular Early Production Facility

Caracal Energy Inc.

📅 2013

📍 Onshore Chad

Lead Process Engineer

During this role I was responsible for the engineering and design of an onshore modular Early Production Facility, with detailed engineering completed within 6 weeks.

Extended Well Testing Package

Aker Solutions

📅 2012

📍 Offshore Africa

Lead Process Engineer

During this role I was responsible for the engineering and design of a barge based Extended Well Testing Package, including, but not limited to:

- Initial equipment sizing & vendor liaison during tendering process
- Detailed engineering post order award
- Leadership of a multidisciplinary engineering team from concept right through to commissioning

20 MMSCFD Modular Gas Early Production Facility

Victoria Oil & Gas

📅 2012

📍 Onshore Cameroon

Lead Process Engineer

During this role I was responsible for the overall engineering design of a Modular Gas Processing Plant supplied on a fast track basis, including, but not limited to:

- Initial equipment sizing & vendor liaison during tendering process
- Detailed engineering post order award
- Leadership of a multidisciplinary engineering team from concept right through to commissioning