**CARLOS JOSÉ MÁRQUEZ QUISPE**

**SUMMARY:**

Bachelor of Petrochemical Engineering, Peruvian, 25 years-old, with more than 3 years of experience in the oil and gas industries, with special emphasis on project management and industrial operations (oil production & treatment, gas gathering and oil secondary recovery).

Currently, I’m finishing my thesis named: “Implementation of a Diesel Desulphurization Unit at Conchán Refinery - PETROPERÚ S.A.”. Additionally, I’m working on a research project named: “Thermal cracking of waste plastics into middle distillates”.

**PERSONAL DETAILS:**

**Birthday:** July 3, 1989.

**Phone:** 51-1-478-0667

**Mobile:** 51-1-9439-38641

**Passport:** 6429946

**Marital status:** Single.

**E-mail:** [marquez.uni@outlook.com](mailto:marquez.uni@outlook.com)

[keanee.uni@gmail.com](mailto:keanee.uni@gmail.com)

**EDUCATION:**

**UNIVERSIDAD NACIONAL DE INGENIERIA**

Bachelor’s degree, Petrochemical Engineering.

2008-2012.

**PM CERTIFICA**

Diploma, Project Management.

2014 September - 2015 January.

**SOFTWARE SKILLS:**

Microsoft Office, intermediate level.

MS Project 2010, advanced level.

ASPEN HYSYS V. 7.3, intermediate level.

AUTOCAD 2010, intermediate level.

**LANGUAGES:**

**English:** Academic IELTS: 6.5/9.0 (2014 - 2016)

**Portuguese:** Celpe Bras: Upper Intermediate (2014 - 2016)

**COURSES:**

**TECSUP:** Biodiesel & Glycerin Production.

**UNI-Graduate school:** Steel Corrosion & Protection

**UNI-Petroleum, Gas & Petrochemical Engineering Department:** Engineering Research Methodology.

**UNI-Chemical & Textile Engineering Department:** Engineering Process Equipment Design.

**BRYAN RESEARCH ENGINEERING:** PROMAX with Tsweet & PROSIM, Level I Training Course.

**Colombian Republic-SENA:** Project Planning.

**BS GROUP:** Managing Projects with MS Project 2010.

**CENTRUMX:** Production & Operations Management.

**RESEARCH PROJECTS:**

**“THERMAL CRACKING OF WASTE PLASTICS INTO DIESEL”.** (August 2014-Present).

Currently working on it with some colleagues.

At Petroleum, Gas & Petrochemical Engineering Department at UNI.

**“CHEMOMETRIC ANALYSIS OF DIESEL/BIODIESEL BLENDS USING FTIR TO DETECT ADULTERATION”.**

(August 2010-August 2011)

Student Research Assistant.

At Petroleum, Gas & Petrochemical Engineering Department at UNI.

**EXPERIENCE:**

**ESEI CONSULTING S.A.C.** (August 2014-Currently)

**Project Assistant,** Technical Area.

* Elaborated Engineering Technical Reports related to Oil & Gas projects, mainly with commercial area.
* Formulated and evaluated the conceptual plan of these pilot projects.

**TERRAMAR I & T S.A.C.** (November 2013-January2014).

**Project Assistant,** Technical Area.

* Elaborated Engineering Technical Reports and Project Narratives related to Talara Refinery Modernization Project, mainly with terminal & environmental sub-projects.
* Elaborated Management Plan for Iquitos Refinery and ENAPU Terminal according to terminal peruvian laws related to MARPOL 73/78, an international marine environment convention, which prevents pollution from ships.

**PETROBRAS ENERGÍA PERÚ S.A.** (January 2013-November 2013)

**Professional Intern,** Operations Area.

* Elaborated the Daily Volumetric Balance of the Oil Treatment Plant and Gas Compression Stations, and the Daily Report of Oil Secondary Recovery Operation (water and gas injection).
* Supported the Operations Engineers in extensive tasks, such as:

- Writing special reports about the oil treatment process, gas processing and oil secondary recovery.

- Elaborating the Monthly Volumetric Balance of Oil/Water and Gas.

- Monitoring plant indicators about the oil/water process parameters (quality and treatment cost).

- Elaborating reports for Governmental Environmental Organizations related to gas pipeline leaks.

**PETRÓLEOS DEL PERÚ S.A.** (January 2012-December 2012)

**Pre-Professional Intern,** Commercial Area.

* Formulated and evaluated the conceptual plan of pilot projects, such as “Implementation of Single Point Mooring (SPM) Buoy in Terminal Ilo” and “Analysis and Evaluation of purchasing oil tank trucks”, as alternatives to reduce operative costs in fuels storage and transport. It included the elaboration of market study, project charter, cost analysis, technical study and final economic evaluation.
* Supported the Project Supervisors in extensive tasks such as:

- Elaborating market studies and cost analysis for many projects (Terminal Eten, Terminal Mollendo and LPG Bottle Plant in Arequipa).

- Preparing the Gantt Chart in MS Project 2010; in order to plan, monitor and control the progress of the projects (Terminal Eten, Terminal Mollendo and LPG bottle Plant in Arequipa).

- Elaborating the CAPEX (capital expenditures) and OPEX (operative expenditures) of the project: “Distribution of Liquefied Natural Gas to southern cities”,

- Elaborating the Terms of Reference (TOR) for hiring the Front End Engineering Design (FEED) of the project “Plant Pasco”.

- Elaborating procedures for the standardization of the project portfolio of the Commercial Area, according to the Project Management Institute standards.

**REFERENCES:**

**Justo Delgado Delgado**

Chief Engineer

Now: Contract Manager

**PETROPERÚ S.A.**

Mob: 00-51-1-985570623

**Ing. Danny Nizama Fiestas**

Production Engineer

**PETROBRAS ENERGÍA PERÚ S.A.**

Mob: 00-51-1-979582374

**Ing. Fredy Alvarado Ñato**

Project Engineer

Now: PMRT-Coordinator

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