

MARCO ALVAREZ

Phone: +63 9610660043

Address: Purok 5, Majada Labas, Calamba City, Laguna

E-Mail: alvarez.marco1684@gmail.com

LinkedIn: [linkedin.com/in/marco-alvarez-94102a92/](https://www.linkedin.com/in/marco-alvarez-94102a92/)

Summary

Skilled and Organized Gas Plant Professional with experience in Gas Production Facilities. Possesses in-depth knowledge of operation, maintenance, troubleshooting and repair procedures in all areas of facility and mechanical systems for both in-house and customer installed facility.

Experiences

VALVE TECHNICIAN (AUGUST 28, 2023 ~ November 11, 2023)

PACIFIC VALVE SERVICES INC. Edmonton, Canada

Inspect products to determine the requirements of repair. Repair or replace defective worn-out parts and components. Test and adjust repaired products for proper functioning. Calibrate products using hand tools. Dis-Assemble, Estimate, Re-Assemble, and Pressure Test of Wellhead/Frac Manual Gate Valves, Ball Valves, Chokes, and Hydraulic.

ASU SHIFT ENGINEER (January 2018 ~ January 2023)

AIRTEC Total Gas Solutions/ QATAR OXYGEN COMPANY W.L.L Doha, Qatar

The Operations Supervisor will be responsible for running the daily operations in order to ensure our productivity and business objectives are met in a safe and environmentally compliant manner. The daily operations include the supervision and training of production employees, maintenance of production equipment, controlling costs and managing the quality and compliance files in adherence to the established AIRTEC standards.

ONSITE PROJECT ENGINEER (Project Phase)

AIRTEC Total Gas Solutions/ QATAR OXYGEN COMPANY W.L.L Doha, Qatar

Job Summary: Responsible in managing and supporting the field operations on projects, reporting to the Project Manager, but primary responsibility will be to ensure that Contractor has materials, equipment, and information necessary to complete the job. Works as an extension of the Project Manager which is ultimately responsible for understanding and accomplishing the project on time without record of safety incident.

ASU PLANT Senior Operator (August 2012 ~ November 2017)

Air Liquide Philippines Incorporated Laguna, Philippines

Duties and Responsibilities: Operate a reliable, efficient and safe ASU plant based on established KPI, department programs / strategies and ensures a reliable and quality product, back-up supply within a guaranteed specification. Ensure no safety accident and incident. Ensure no quality incident, process upset or product pollution. Troubleshoot or act as first line maintenance during machine breakdowns. Coordinate by constant communication with customers & logistics regarding product supply. Reliable operation of ASU through implementation of walkby, religious monitoring of equipment, perform first line maintenance and ensure availability of back-up system. Participate on Root Cause Analysis.

Skill Highlights

- Air Separation Unit Gas Plant
- Plant Operations
- Compression
- Refrigeration
- Purification
- Heat Exchange
- Cold Production
- Distillation
- Storage & Delivery
- Compressors
- Safety
- Personal Protective Equipment
- Cryogenic Gas Plant
- Pipeline Operation & Maintenance
- Vaporizer
- Pumps
- Coolers (Intercoolers and After coolers)
- Turbine
- Booster Compressor
- Cooling Tower
- Vacuum Insulated Equipment
- DCS Operation (Yokogawa)
- SCADA
- PLC
- ISO Tanks
- Fire Fighting
- Basic Life Support
- First Aid
- Confined Space
- Hydrocarbon Control
- Pressure Safety Control
- Cold Embrittlement
- Thermal Stress
- Lock Out Tag Out
- Cylinder Handling
- Product Analyzer
- Pipes and Instrumentation Diagram
- Steam Safety
- Cryogenic Liquid
- Maintenance
- Control Room
- Field Operation
- Field Service
- Commissioning
- Safety Work Permit

FIELD SERVICE TECHNICAL REPRESENTATIVE (June 2014, to September 2016)

Air Liquide Philippines Incorporated Manila, Philippines

Responsible for the line implementation of safety, quality, reliability and cost efficiency systems and programs of FTI APSA T6 & HYOS, ON-Semicon APSA T5, SEMPHIL APSA T7-2, ACP APSA T3, NXP APSA T5, Fujitsu Ten APSA T4, Tsukiden APSA T2 and PPI APSA T5 onsite gas generating plants and its major components as well as its ancillary as directed by Area Owner. Ensure consistent implementation of safety, quality, emergency and company procedures within his area.

ONSITE GAS PLANT OPERATOR -High Purity Nitrogen Plant (August 2010 to August 2012)

Air Liquide Philippines Incorporated Laguna, Philippines

Responsible for operating onsite plant (Air Separation Unit Plant), ensuring the production of high-quality Nitrogen gas according to the needs and specification of our customers. Contribute to the continuous improvement of the operation and further development of the equipment's reliability. Maintain a safe environment within the Plant in order to achieve zero accident.

Bagmaking Technician/ Cylinder Making Technician (June 2006 ~ August 2010)

San Miguel Yamamura Packaging Corp. Rightpak Plant

Responsible for operating the bagmaking machine to produce flexible bags such as Stand-Up Pouches, 3 side seal bags, Center seal bags. Responsible for preparing the cylinders such as quality inspection prior to be used by painting department.

Production – Process Technician (November 2004 ~ June 2006)

PRICON Microelectronics Inc. Laguna, Philippines

Assist the Process Engineer in conducting technical evaluation. To assist Process Engineer in generating Engineering Instruction, Change notices, Work Instruction and PRICON Process Specification (PPS). To analyze defects within his area of responsibility and to provide corrective actions on a remedial and preventive approach.

Education

Professional Teacher, 01/2006

Professional Regulatory Commission- Manila Philippines

Bachelor of Science in Technical Education Major Mechanical Technology, 04/2004

Don Bosco College- Calamba, Laguna, Philippines

High School Diploma, 04/2000

Palo Alto National High School- Calamba, Laguna, Philippines

Accomplishments

- Execute installation of ASU Plant in Qatar Oxygen Company from ground breaking up to plant operation
- Promoted from ASU Plant Operator to Onsite Luzon Senior Operator, in less than 12-months.
- Consistently maintained high customer satisfaction ratings brought by immediate plant response during plant shutdown

Seminars / Trainings

Attended

- Immersion with Environmental Education.....April 23~May 24, 2001
- Motorcycle Safety Driving (Honda Safety Driving School)...May 11, 2012
- Behavior Based Safety Observations (Air Liquide)
- Confined Space Orientation (Air Liquide)
- Fire Fighting Training (Air Liquide)
- Fire Drill (Air Liquide)...June 2011
- Cryogenic Liquid Nitrogen Spill Drill (Air Liquide).....February 2012
- ISO 9001:2000 Seminar (Air Liquide)
- ASU Fundamentals....June 2013
- Function Block Diagrams and Instrumentation Controls.....May 2013
- Hydrogen Fire Drill.....October 2015