

EMILIO JAVIER ALVARADO PÉREZ

MBA | PMP | LEAN SIX SIGMA | BLACK BELT | TÜV FUNCTIONAL SAFETY | SCRUM

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PROFESSIONAL SUMMARY

Experienced professional with more than 18 years of experience in the industrial environment, such as chemical production, metal-mechanics, naval shipyards, and maintenance. Proven experience in project management according to PMI and FEL methodologies, generating solutions adapted to the needs of my clients, from conception to operational delivery. Industrial Civil Engineer (c) from the Andrés Bello University and Industrial Control Engineer from the Santa María University. MBA in Project Management from the Arturo Prat University, PMP and Lean Six Sigma Black Belt certified.

CORE SKILLS

Leadership capacity, strategic vision, communication, and technical mastery. Advanced Excel and Microsoft Office 365 skills, VBA, SAP Z2L and MS Project. Advanced English and basic Portuguese.

PROFESSIONAL EXPERIENCE

BASF Chile : Production of industrial chemicals

2017 - to date

Project Engineer (Project Manager)

Planned, estimated, and directed the implementation of industrial investment projects in chemical plant of a 3.2 million EUR project portfolio on average, and within a multi-cultural environment.

Key achievements:

- ✓ Successfully led the renovation of a highly hazardous storage system, enabling the continuity of operations, avoiding losses of approximately 500 million pesos per year.
- ✓ Designed, led, and implemented the implementation of a system for loading flammable resins during the pandemic, maintaining coordination while keeping negotiations with suppliers, generating a reduction of 30 million per year in HH concepts. In addition, it resulted in a reduction of approximately 30% of the process time.
- ✓ Voluntarily trained the operations and maintenance teams in Chile and Argentina in functional safety matters, strengthening the company's know-how.
- ✓ Established the cultural and organizational change regarding project management practices in my organization, increasing by 10% the number of initiatives in the execution stage and the completeness of the organizational administrative processes.
- ✓ Visualized, managed, and led the modernization of the DCS control and automation systems of the plant, with investments of more than 550,000 euros, avoiding losses of 60,000 euros per day due to the lack of spare parts.

RENAULT : Automotive gearbox manufacturing

2015-2017

Automation specialist for production expansion project

Inspected and supported the design of an assembly production line for gearboxes in India, and its implementation in Chile.

Key achievements:

- ✓ Facilitated communication and coordination, in English, between teams during the secondment to India, achieving synergies between participants and fluency in the pace of work, generating an environment of mutual understanding and multicultural comprehension.
- ✓ Designed and implemented a wireless network for diagnostics of automatisms, avoiding stopping productive activities due to maintenance work.
- ✓ Designed and implemented error-proof solutions (Poka Yoke) to avoid defective parts, improving the performance of the new line before its release to production.

Lead electrical control specialist.

Led technical specialist for overhauling, upgrading and revamping projects on naval and merchant ships.

Key achievements:

- ✓ Voluntarily designed and implemented an automation programming workshop, aimed at increasing the service capabilities of the production department.
- ✓ Led the electrician team on a major, challenging modification project for an oil tanker ship, completing the activities within budget and schedule.

Chilean Navy

2006 - 2010

Lead electrical control and maintenance specialist.

Maintained and troubleshooted control and electrical power generation systems in naval units.

Key achievements:

- ✓ Led a team of 07 specialists, forming a cohesive and highly participative working team.
- ✓ Took on an interim leadership role, with little work experience during a contingency situation, delivering stronger than expected results, and providing operational continuity to the shipyard planned activities.

EDUCATION

Civil - Industrial Engineer (in progress), Universidad Andrés Bello	Start 2023
Master in Business Administration - Project Management	2022
Universidad Arturo Prat, Graduated with highest distinction.	
Diploma in Project Management, Universidad Adolfo Ibanez	2017
Diploma in Cybersecurity, DUOC UC	2018
Industrial Instrumentation and Control Engineer	
Universidad Tecnica Federico Santa Maria, <i>Best graduate of the year</i>	2014
Electro-mechanical Technician (TNS), Naval Polytechnic Academy	2006

CERTIFICATIONS AND CONTINUOUS EDUCATION

International Certification - Project Management Professional PMP, Project Management Institute, # 2560767	2019
International Certification - Lean six sigma black belt, Council for Six Sigma Certification, # ChHK6RbDqE	2023
International Certification - Agile Project Management, Google-Coursera, # RWXSHKCCYFMF	2023
International Certification - SCRUM Foundation SFPC, Certiprof, 101426007	2024
International Certification - Functional Safety Engineer, TÜV Rheinland, # 22233 / 21	2021
International Certification - Microsoft Office Specialist, Microsoft, # wvYXP-HauN	2017
Course - Interpretation of the ISO 50001 Standard, SGS	2018