

# Jose Antonio VELÁZQUEZ SÁNCHEZ

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## SUMMARY

Industrial Director with 25 years of experience starting in shipbuilding and classification surveying, expanding into offshore wind structure manufacturing, and culminating in the management of international EPC portfolios in the energy, heavy industry, and Oil & Gas sectors. Has led international teams of up to 120 professionals across 8 countries and managed large-scale manufacturing plants. Dual degree in Naval Engineering and Industrial Organisation, Executive MBA, and Master's in AI. English C1. Targeting Industrial Director, Operations Director, or Plant Manager positions — with particular interest in the naval, offshore wind energy, and heavy industry sectors — in Spain and Europe.

## EXPERIENCE

**QHSE Director · International EPC Portfolio, Energy & Industry** · Duro Felguera, Gijón, Asturias, Spain 03/2024 – 10/2025

- Led the QHSE function across a portfolio of 8 simultaneous international EPC projects in 4 sectors (mining, energy, Oil & Gas, industrial storage), operating in 8 countries.
- Directly responsible for 120+ QHSE professionals deployed on-site and at headquarters, with authority over hiring, assignment, and continuity of the technical team.
- Managed projects received at critical closure stages, acting as primary client interface in situations of contractual tension and restoring deteriorated relationships.
- Implemented consistent quality and safety methodologies across technically diverse projects.
- Ensured compliance with technical and documentary specifications in multicultural, high-regulatory-demand environments.

**Senior Technical Consultant - Offshore Foundations (client: Duro Felguera) · JAVSA Ingeniería**, Gijón, Asturias, Spain 10/2020 – 03/2024

- Technical and economic-financial lead for the development of an industrial plant for offshore foundation manufacturing, evolving the project from monopiles to floating structures following independent market analysis.
- Prepared two complete basic engineering projects with port concession applications submitted to the Port of Gijón, including manufacturing capacity analysis, process definition, plant layout, and CAPEX/OPEX estimation.
- Optimised project CAPEX by 15% through successive plant design iterations and negotiation with international specialised machinery suppliers.
- Maintained direct and continuous liaison with the Port Authority and key suppliers throughout the full project cycle.

**Industrial Director · Haizea Wind**, Zierbena, Bizkaia, Spain 09/2019 – 10/2020

- Assumed industrial leadership of one of Europe's largest offshore wind structure manufacturing plants (77,000 m<sup>2</sup>, investment >€80M), integrating engineering, quality, QHSE, and technical management of suppliers and clients.
- Led a team of 60+ professionals under direct management, including quality inspection companies organised in a simultaneous multi-supplier model to ensure production continuity and cost reduction.
- Managed and resolved a critical quality claim with Vestas at an acute stage, preventing contractual escalation — formally recognised by both client and supplier.
- Managed simultaneous production for demanding Tier-1 clients (Vestas, Siemens) with onshore and offshore projects running in parallel, positioning Haizea Wind as a European benchmark in offshore structures.
- Contributed to the technical development of the plant expansion towards large-diameter monopiles, providing direct continuity to the subsequent offshore project at Duro Felguera.
- Served as QHSE Director for the WEC Group (Haizea Wind, Tecnoaranda, and foundry plants), overseeing 4 industrial facilities within the group.

**SQA Manager · GRI Renewable Industries (Gestamp Group)**, Madrid, Spain 05/2016 – 09/2019

- Built from scratch the global Supplier Quality Assurance (SQA) department for a network of 11 plants in 7 countries, defining organisational structure, procedures, and standards where none previously existed.
- Led an international team of 12 quality managers distributed globally, with direct management from corporate headquarters, periodic plant visits, and strategic supplier audits across multiple continents.
- Proposed, justified to management, and secured funding for the development of a bespoke corporate software for managing material certificates, technical documentation, and approvals — deployed across the global network.
- Implemented a pre-production assurance system that reduced the intake of non-conforming product to the factory, improving production continuity and delivery timelines.
- Handled critical supply incidents and high-impact non-conformities with strategic clients and suppliers, acting as the corporate interface in situations of conflict and supply chain risk.

**Supplier Quality Specialist · Vestas Wind Systems**, Madrid, Spain 09/2011 – 05/2016

- Managed quality assurance for more than 10 simultaneous wind tower manufacturers across EMEA, Latin America, and South Africa, supervising cutting, rolling, welding, painting, and assembly processes in a multicultural, multi-site environment.
- Led the operational start-up of DCD Wind Towers (South Africa), providing continuous support for nearly two years in local team training, procedure development, NDT implementation, and technical documentation creation from scratch.
- Qualified more than 10 tower manufacturers and strategic suppliers of steel and secondary structures, exercising acceptance/rejection authority over materials supplied directly by Vestas to the factory, with responsibility for documentary and technical compliance prior to production.
- Conducted technical audits and on-site inspections at tower and structure manufacturers and major raw material suppliers, ensuring compliance with Vestas standards and international regulations across globally distributed projects.
- Coordinated deviation resolution and corrective actions with manufacturers and suppliers, ensuring production continuity and delivery reliability across a geographically dispersed supply chain.

**Quality Director · Astillero Factorías Juliana, Gijón, Asturias, Spain****05/2008 – 03/2010**

- Led the transformation of the quality system following the shipyard's privatisation, adapting structures, procedures, and organisational culture inherited from the public-sector era to the requirements of a competitive private operation.
- Directed a team of more than 50 people including in-house inspectors and subcontracted NDT companies, with responsibility for product quality, quality assurance, and environmental management.
- Maintained ISO 9001, ISO 14001, PECAL certifications and Classification Society and Flag Authority approvals, ensuring ongoing compliance in an environment subject to military and international audits.
- Managed technical relationships with Classification Societies, Shipowners, and Flag Authorities for the compliant delivery of technically and documentarily complex vessels, including seismic, hospital, and cement carrier units.
- Served on the shipyard's Board of Directors, contributing to strategic decision-making and remaining until operational closure to ensure final handover of the last vessel under construction.

**Classification Inspector / Surveyor · Bureau Veritas, San Sebastián & Gijón, Spain****01/2001 – 05/2008**

- Served as Bureau Veritas inspector responsible for shipyards in Asturias and eastern Galicia, certifying more than 25 newbuild vessels including technically complex units.
- Conducted inspections and certifications for new constructions and vessels in service in accordance with BV rules, IACS regulations, and SOLAS and MARPOL international conventions, with delegated authority to issue statutory certificates on behalf of Flag Authorities.
- Supervised welding, structures, mechanical, safety, and automation systems, issuing classification certificates for hull, machinery, and systems across a diverse vessel typology.
- Coordinated technical relations between shipyards, shipowners, and flag authorities throughout the full construction and delivery cycle, ensuring contractual, regulatory, and documentary compliance.

**EDUCATION****Postgraduate**

- **Executive Master's in Artificial Intelligence** · IFFE Business School / Minsait-Playground (Indra) 06/2026
- **Executive MBA** · EAE Business School 2025
- **IWI & EWE International Welding Engineer** · IWE / EWE & CESOL / EWF 2010
- **Occupational Risk Prevention — Safety Specialisation** · Pragma Social 2009

**University**

- **Industrial Organisation Engineer, Specialisation in Business Administration** · ETSI Industriales – UPM (Universidad Politécnica de Madrid) 2014
- **Naval and Ocean Engineer, Specialisation in Naval Architecture** · ETSI Navales – UPM (Universidad Politécnica de Madrid) 2000

**Technical Training****Management & Leadership Development:**

- **R&D and Strategic Innovation Management** · Grupo PISA / FADE 2011
- **Management Capabilities** · CETA / ASPROFOR 2011

**Quality, Audit & Processes:**

- **APQP4Wind Specialist** · DNV GL / Danish Wind Industry Association 2018
- **VDA 6.3 Process Auditor** · VDA / QMC 2013
- **ISO 9001 Lead Auditor** · Germanischer Lloyd 2011
- **European Quality Management Expert** · AEC 2010

**Technical Inspection & Control:**

- **FROSIO Paint Inspector Level III** · Hempel / FROSIO 2012
- **Inspection of Welded Constructions** · CESOL 2007
- **Naval Inspector – Newbuilds and Vessels in Service** · Bureau Veritas 2001–2007

**OTHER ACTIVITIES**

- Technical content writer on naval innovation and new constructions · Infomarine, Madrid (02/1998 – 03/2001)
- Trainer for 100+ professionals in quality, inspection, and naval regulations · Fundación Ingeniero Jorge Juan, Madrid (2008–2010)

**COMPETENCIES****Leadership & Strategic Management**

Strategic management, organisational leadership, international team leadership, industrial planning, EPC project management, supplier development, continuous improvement, change management, negotiation.

**Engineering & Industrial Production**

Naval and industrial engineering, welding and NDT, metallic structure manufacturing, offshore foundations, ISO/EN/ASME/AWS standards, technical audits, structural calculation, CAD/AutoCAD/Maxsurf design, drawing and P&ID interpretation.

**Quality, Safety & Environment (QHSE)**

Integrated system management, risk assessment, internal audits, incident analysis, sustainability, KPI reporting, safety culture.

**Innovation & Digitalisation**

Industry 4.0, process automation, generative artificial intelligence, prompt engineering, digital twins, SAP (MM/QM), Microsoft 365, SharePoint, PowerApps, Power Automate, AutoCAD, Maxsurf, Fullstep.

**International Competencies**

C1 technical English, multicultural communication, international experience across Europe, Asia, and LATAM, liaison with global clients and suppliers.