

## Contact Information

+56-9-67787464 (Mobile)  
juan.salgado@gmail.com

www.linkedin.com/in/  
salgadoyaeger (LinkedIn)

## Main Aptitudes

Industrial Engineer  
Magister's degree in Risk  
Management  
Strategic Planning  
Lean Six Sigma, Black Belt Level  
ISO Standard Consultant  
(9001/14001/19011/22301/28001/  
31001/37001/45001/50001)

## Languages

English (Advanced Level C1)  
German (Professional Working)  
Spanish (Native)

## Certifications

ISO 9001 Leader Auditor, IRCA  
Black Belt Lean Six Sigma  
HSE Risk Prevention Expert  
(qualified for mining)

## Personal Information

Address: Diego de Almagro 240,  
Reñaca, Viña del Mar, Chile.  
ID: 8.526.728 – 0  
Passport: F12049470  
Nationality: Chilean  
Birth Date: January 15, 1974  
(46 years old)  
Civil Situation: Married / 3 children

## Willing to relocate

# Juan Carlos R. Salgado Yaeger

## Senior Engineer in Risk Management and Business Continuity (Bilingual Professional)



## Summary

Senior Engineer in Risk Management and Business Continuity in accordance with ISO 31001 and COSO 2-ERM, OSHA-PSM, RBPS-PSM, and EPA-RMP; as well as in the main ISO standards such as ISO 9001, ISO 14001, ISO 22301, ISO 28001, ISO 37001, ISO 45001 and ISO 50001. I've led projects to improve risk management through ERM (Enterprise Risk Management), ORM (Operational Risk Management), PSM-RBPS (Risk Based Process Safety) and RCSA (Risk and Controls Self-Assessment) in mining companies Anglo American, Buenaventura, Chinalco, Glencore, Gold Fields, Minsur, NEXA Resources, Trafigura and Yamana Gold; as well as Lean Six Sigma (GB, BB) projects to improve the performance and quality of the manufacturing and supply chain processes at Schneider Electric, Goldenfrost, Panama Canal Authority, GNL Quintero, GasValpo, San Antonio Harbour, among others.

Industrial Engineer with a master's degree in Risk Management, with 28 years of experience in manufacturing and supply chain processes, as well as in mining processes (underground, open cut, exploration, process plants, and smelting), in different positions as manager, head of area, consultant and auditor, in which I've managed process safety for improving operational risks, environmental and community; corruption and commercial law; and quality and customer satisfaction; as well as business risks related to legal and ethical compliance, reputational, strategic, financial and governance, among others. University Professor in engineering programs; and trainer for BowTie, Human Error, ICAM, LOPA, ISO Standards, and RCA. Qualified and certified as HSE Risk Prevention Expert (qualified for mining), and as Lead Auditor ISO 19011 (IRCA).

## Work Experience: Directly Related to the Profession

### Position: Senior Engineer in Safety, Risk and Compliance

- **Organization:** ABS Group, Region Office (LATAM).
- **Date:** January 2015 – January 2020.
- **Organization's Localization:** Viña del Mar, Valparaíso, Chile
- **Organization's Activities:** Risk Management Consulting.
- **Description:** Lead risk management projects (ISO 31001, COSO 2-ERM, ORM, PSM-RBPS). Advise organizations in ISO 9001, ISO 14001, ISO 22301, ISO 28001, ISO 31001, ISO 37001, and ISO 45001 (OHSAS 18001) standards, as well as legal and ethical compliance. Train and coach in risk methods as well as BowTie, HE, ICAM, LOPA and RCA, among others.
- **Main Achievements:**
  - Develop Operational Risk Management in the following mining companies:
    - a) Anglo American (Chagres, El Soldado, Los Bronces).
    - b) Glencore (Animón, Alpamarca, Andaychagua, Carahuacra, San Cristóbal, Ticlio).
    - c) Gold Fields (Cerro Corona, Salares Norte).
    - d) Nexa Resources (Aripuana, Atacocha, Cerro Lindo, El Porvenir, Morro Agudo).
    - e) Yamana Gold (Cerro Moro, El Peñon, Florida).
  - Improve the ERM system in GNLQ distribution natural gas company.
  - Improve Risk-Based Process Safety (RBPS) in the Buenaventura mining company.
  - Verify legal compliance in safety risk and the environment in GNL Quintero.
  - Audit environmental emergency services and catastrophes in Panama Canal Authority.
  - Audit the critical safety controls at the Harbour Company of San Antonio.
  - Improve the Risk-Based Process Safety (RBPS), in Arauco Forestry Company.
  - Improve legal compliance of safety and risk for Bio Bio Concrete Company.
  - Audit of the ERM System for the Valparaíso gas distribution company.
  - Deploy BowTie methodology in Anglo American and Glencore mining companies.
  - Deploy ICAM in Buenaventura, Chinalco, Gold Field, and Yamana Gold.
  - Deploy RCA (Root, Cause, Analysis) in P&O, Humboldt, ATC, Trafigura mining company.

**Position: Quality Manager and Black Belt Lean-Six Sigma (HSEQ Projects)**

- **Organization:** Schneider Electric.
- **Date:** February 2009 – December 2014.
- **Organization's Localization:** Santiago, Chile.
- **Organization's Activities:** Manufacturing and Production.
- **Description:** Direct the ERM system to manage business risks arising from manufacturing processes and the supply chain of electrical components (switches and sockets). Ensure the legal HSEQ compliance, ISO 9001 (quality standard), ISO 14001 (environment standard) and OHSAS (health and safety standard), customer satisfaction and reputational risk; to comply with the objectives of the business plan for the Latin American market and the European Union. Lead Lean-Six Sigma projects to improve the HSEQ performance of manufacturing processes and the supply chain.
- **Main Achievements:**
  - Implement internal and external audit, for ensure internal control of the ERM system.
  - Improve the production costs control plan for compliance with the strategic objectives.
  - Improve the HSEQ control of manufacturing processes by statistical control processes.
  - Lead Lean-Six Sigma projects to improve HSEQ performance.
  - Lead the integration of ISO 9001, ISO 14001 and OHSAS 18001 standards.
  - Ensure compliance with HSEQ in all areas of the company.

**Position: Head of HSEQ and ISO 9001 Leader**

- **Organization:** GOLDENFROST, Logistic Operators.
- **Date:** March 2004 – January 2009.
- **Organization's Localization:** Santiago, Chile.
- **Organization's Activities:** Logistic and Distribution Operational.
- **Description:** Lead HSEQ department and ISO 9001 (quality standard) and OHSAS 18001 (health and safety standard), in matters related to quality control and the management of food products for export to the European Union, the United States, Canada, Latin America, the Middle East, China and Japan, among other important markets. In the aspect of HSEQ, lead the control mechanisms defined to prevent and mitigate incidents related to the supply chain, the freezing process and the storage of food.
- **Main Achievements:**
  - Identify and assets the HSEQ risk in supply chain processes and define the HSEQ Plan.
  - Define and manage the budget to fulfil with the HSEQ Plan and ensure the improve of the safety culture in all the supply chain processes.
  - Improve quality indicators of the supply chain through the BSC.
  - Improve the reliability of supply chain of livestock products, through Six Sigma projects.
  - Achieve 100% of export authorizations.
  - Lead the Integrated Management System ISO 9001(quality standard) and OHSAS 18001 (health and safety standard).
  - Achieve the certification of ISO 9001 (quality standard).
  - Implement lean manufacturing tools in logistics operations.

**Position: Head of HSE**

- **Organization:** Viña del Mar Hospital.
- **Date:** March 2001 – February 2004.
- **Organization's Localization:** Viña del Mar, Valparaíso Region, Chile.
- **Organization's Activities:** Health and Medicine.
- **Description:** Advise Hospital management on legal compliance related to occupational health and safety issues, as well as on the identification and risks assessment, related to medical services processes, storage, and handling of biohazard materials, industrial gases, among others.
- **Main Achievements:**
  - Identify and assets the HSE risk in clinical processes and define the HSE Plan.
  - Implement preventive procedures in Clinical Processes and Patient Care.
  - Implement an Emergency Plan for evacuation in case of fires, earthquakes or tsunamis.
  - Implement a glutaraldehyde gas extraction system, in the area of sterilization and sampling.
  - Ensure compliance with HSE in all areas of the company.
  - Develop a project to implement the OHSAS 18001 (health and safety standard).

**Position: Assistant HSE**

- **Organization:** CIAL Foods S.A.
- **Date:** March 1997 – December 2000.
- **Organization's Localization:** Santiago, Chile.
- **Organization's Activities:** Food Manufacture
- **Description:** Assist the HSE Head in the following tasks:
  - Maintain the database of the safety management system.
  - Prepare a monthly report on safety statistics.
  - Advise transport and distribution contractors.
  - Perform the lifting of safety and hygiene conditions according to the requirements of OHSAS 18001 (health and safety standard).
  - Perform the induction of security of the company.

**Work Experience: Related to Higher Education****Position: University Professor (evening program)**

- **Organization:** Federico Santa María Technical University.
- **Date:** March 2012 – July 2019.
- **Organization's Localization:** Viña del Mar, Valparaíso Region, Chile.
- **Organization's Activities:** Higher Education
- **Main academic programs carried out:**
  - Strategic and HSE Risk Management.
  - The Legislation Associated with Occupational Health and Safety.
  - Quality Management System ISO 9001 (quality standard)
  - Environmental Management System ISO 14001 (environment standard).
  - OHS Management System OHSAS 18001 (health and safety standard).
  - Audits of Management Systems ISO 19011 (audits techniques standard).
  - Quality Costs.
  - Thesis Guide Professor.

**Position: University Professor (Part Time)**

- **Organization:** Playa Ancha University.
- **Date:** March 2016 – December 2018.
- **Organization's Localization:** Valparaíso, Valparaíso Region, Chile.
- **Organization's Activities:** Higher Education.
- **Main academic programs carried out:**
  - Projects formulation and evaluation.
  - Title 2, Workshop and Thesis Guide Professor.
  - Thesis Evaluator Professor.

**Position: University Professor (evening program)**

- **Organization:** DUOC UC Professional Institute.
- **Date:** January 2015 – December 2017.
- **Organization's Localization:** Valparaíso, Valparaíso Region, Chile.
- **Organization's Activities:** Higher Education.
- **Main academic programs carried out:**
  - Management of the ISO 9001, ISO 14001, ISO 45001 standards.
  - Audits of Management Systems.
  - Supervision and Control Techniques.
  - Formulation and Evaluation of Projects.
  - Occupational Health and Safety Plans.
  - Integrated Management Systems.

**Summary of Projects Developed****a) Management Systems Projects:**

- Operational Risk Management (ORM); Anglo American Cooper, Glencore, Gold Fields, Nexa Resources, Yamana Gold.
- Risk Based on Process Safety (RBPS); Buenaventura mining company.
- Risk Based on Process Safety (RBPS); ARAUCO forestry company.
- Documented Information Control Plan in OHS System (ISO 45001), RODAC.
- OHS Management System (ISO 45001), RODAC.
- Business Continuity Management Plan (ISO 22301-ISO 28001-ISO 37001), RODAC.
- ERM (COSO 2); GNL Quintero.

- ERM (COSO 2), GasValpo.
- Risk Analysis (ISO 31001 and ISO 37001); GNL Quintero.
- Risk Analysis (ISO 31001 and ISO 37001); Glencore.
- Integrated Management System (ISO 9001/14001/18001); BARCO Design
- Integrated Management System (ISO 9001/14001/18001); Schneider Electric.
- Testing and Calibration Laboratories Management System (ISO 17025); Schneider Electric.
- Integrated Management System (ISO 9001/14001/18001); Schneider Electric.
- Implement an HSEQ Integrated Management System according to ISO 9001, ISO 14001, OHSAS 18001 standards in EIMISA, Owen 2, Cristal Chile Project.
- Quality Management System (ISO 9001); Goldenfrost, Logistic Operators
- Food Safety Assurance System (HACCP); Goldenfrost, Logistic Operators.
- Implement Documented Information Control Plan in OHS System (ISO 45001), RODAC.
- Implement OHS Management System (ISO 45001 standard), RODAC.
- Implement Business Continuity Plan (ISO 22301-ISO 28001-ISO 37001), RODAC.

**b) Lean Six Sigma, Black Belt Projects:**

- Increase the Level Service in Supply Chain processes; Schneider Electric
- Deploy Statistical Process Control in Injection processes; Schneider Electric.
- Increase Availability of Tool Shop for Injection processes; Schneider Electric.
- Deploy Statistical Process Control in Assembly processes; Schneider Electric.
- Deploy an Operational Costs Systems in Building Processes (Six Sigma Project), EIMISA.
- Improve Statistical Control Processes for Buildings processes (Six Sigma Project), EIMISA
- Deploy Statistical Process Control in Supply Chain processes; Goldenfrost.

**Education**

- **Rey Juan Carlos University**  
Master's Degree, Risk Management (2017 – 2018)
- **Playa Ancha University**  
Master's Degree, Adult Educations and Training Process (2015 – 2016)
- **Federico Santa María Technical University**  
Bachelor's Degree, Civil Industrial Engineer (2005 – 2009)
- **Chile University**  
Post Degree, Black Belt Lean-Six Sigma (2011 – 2011)
- **Chile University**  
Post Degree, Environmental Pollutions Management (2002 – 2002)
- **INACAP Professional Institute**  
Bachelor's Degree, Occupational Health and Safety Engineer (1997 – 2000)

**Certifications**

- Professional Expert in Risk Prevention, Ministry of Health, Chile.
- Management of Six Sigma Methodology, Black Belt Level, University of Chile.
- ISO 19011 Standard Leader Auditor, International Registry of Certified Auditors (IRCA).

**Language**

- Native Spanish.
- Advanced Certificate in English Language (Level C1), Aston America University.

**Software and Technologies**

- MINITAB for data analysis (advanced level).
- Global Suite for risk management (advanced level).
- BowTie THESIS™ for risk assessment with BowTie and LOPA Models (advanced level).
- ERP SAP BI (Business Intelligence) and CRM (Customer Relationship Management).
- PSM Leader, for deploy Process Safety Management-risk assessment (advanced level).
- WMS SLAD for the management of the supply chain (user level).
- MS Excel tools for data analysis: Solver, Risk Simulator (advanced level).
- MS Office tools: Project, Visio, Access, Word, Power Point, Excel (advanced level).

### **Main Skills**

- A sense of humour.
- Ability to think broadly but also be detail oriented.
- Deep curiosity to learn about new trends and how to do things better.
- Effective communication skills.
- Facilitates and manages the talents of workers.
- Focused on the objectives and compliance of KPI.
- Focused on the optimization of resources.
- High integrity and high credibility.
- Intellectual agility and interpersonal flexibility.
- Manages from the leadership.
- Mentality of service and customer orientation.
- Proactive, disciplined and analytical.
- Promotes continuous improvement in the organization.
- Promotes teamwork.
- Used to working under pressure.