



## ORLANDO MARTIN ALZAMORA BIFFI

INDUSTRIAL ENGINEER – SAFETY & HEALTH EXPERT

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### PROFESSIONAL OBJECTIVE

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- To contribute to organizations and peoples improvements and successes by providing my knowledge, skills and expertise in Safety and Health issues.

### SUMMARY OF EXPERIENCE

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- 14 years in Safety Management.
- 9 years as a multi-nation expert in Lightning Protection.
- 8 years in Manager role for decision-making.

### WORK EXPERIENCE

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SEPTEMBER 2013 – Present

**Safety Management & Consulting S.A.C. – Lima, Peru.**

**Position: Managing Director & Founder**

- Contribute in the success and continuous improvement of people and organizations, by working with functional leaders to align on structure, processes and managing expectations.
- Support to establish a consistent understanding and planning for standardized performance measures to meet business objectives, legal compliance and social license.
- Work with functional leaders to define a systematic risk based approach to Operational Risk Management and Management of Change.
- Facilitate Team workshops that align team members and integrate cross-functional groups.

NOVEMBER 2014 - Present

**National Lightning Safety Institute – Lima, Peru.**

**Position: President & Chief Operating Officer**

- Responsible for international activities with a focus on Central & South America. Fluent Spanish & English; Responsible for day-to-day activities, new business development; liason with existing clients; general marketing initiatives. Budgeting, forecasting and short/long term Strategic Planning. Preparing Scopes of Work and executing field operations to client satisfaction and international codes compliance.

JANUARY 2012 – October 2014

**National Lightning Safety Institute – Lima, Peru.**

**Position: Vice President**

- Responsible for activities within Central & South America. Fluent Spanish & English; engaged with mining and petrochemical industries to reduce personnel exposure to the lightning hazard via the NLSI Safety Matrix: Hazard Detection; Personnel Notification; Safety Shelter (NLSI designs and Certifies these portable refuges/structures); Policies & Procedures. Provide a full range of OSHA/MSHA safety training for employees.

APRIL 2012 – JANUARY 2013

**Compañía Minera Milpo S.A.A. – Lima, Peru.**

**Position: Safety and Occupational Health Corporate Manager**

- Responsible for overseeing the synergy and implementation of the Safety and Health System for four mine units, projects (brownfields) and prospects (greenfields) in the organization which involves 50 direct reports and has the responsibility of 6,000 employees.

MARCH 2008 – MARCH 2012

**Pueblo Viejo Dominicana Corporation (PVDC), project of Barrick Gold Corp. – Dominican Republic.**

**3 different roles executed:**

February 2009 – March 2012

**Safety and Health Superintendent – Construction**

- Responsible for the designing, implementation and approval of the PVDC Safety and Health Program, requested by the Ministry of Labor of the Dominican Republic (being the first granted in the Dominican Republic).
- In charge of 25 direct reports overseeing the safety and health requirements of fourteen-thousand employees.
- No fatalities during this period.
- Leader in the achievement of more than 21 million man-hours (two and half years) worked without lost-time incidents, unprecedented milestone for Barrick Gold Corporation projects.
- In charge of commanding the PVDC Emergency Brigade, who participated in the search, rescue and medical attention for earthquake victims in Haiti on 12/01/2010.
- Certificated as Promoter of Occupational Safety and Health, according to Resolution No. 25/2009 on 27/08/2009, of the Ministry of Labor of the Dominican Republic.

August 2008 – January 2009

**Acting Safety Manager – Construction**

- Elaboration, implementation and approval of the PVDC Safety and Health Program, requested by the Ministry of Labor of the Dominican Republic as the leader for that time
- In charge of all the programs, training and management actions needed to keep the project in control.

March – July 2008

**Safety Training Supervisor – Construction**

- Development and supervision of the Induction Program for new hired personnel of the Project on Safety, Health and Environment issues, provided in both Spanish and English and Trainer in charge of Safety issues for contractors.
- Supervise the Project Safety Program, ensuring compliance of both Corporate and Government rules & standards.
- High-level analysis and report of safety statistics.
- Expert on the development and implementation of the Lightning Detection, Protection and Training Integral System.

OCTOBER 2007 – FEBRUARY 2008

**Intecsa Management S.A., client of Sherritt International Investments Limited – Cuba**

**Position: Safety, Health and Environment Manager – Construction of a Sulphuric Acid Plant**

- Development and implementation of the Project Environment, Safety, and Health Plan to ensure compliance with client and government environmental, safety, and health requirements.
- Execute all activities related to the program, such as daily monitoring of work activities and practices, stop dangerous works, conduct safety meetings, safety inspections and incident investigations on the project, prepare safety performance and incident investigation reports, conduct project safety and health orientation and training meetings, provide assistance to contractors in the implementation of the Intecsa Health and Safety Program etc.
- Organize, train, and supervise the project fire brigade and rescue team where applicable.
- Implement the pre-employment physical examination and the illegal drug screening programs for the project.

JUNE 2007 – SEPTEMBER 2007

**InVeritas Global Holdings Group Peru – Mexico**

**Consultant – Services Provided:**

- Lightning protection specialist. Assigned to perform the investigation of a fatality at Peña Colorada Mine – ArcelorMittal – Mexico due to a lightning strike as well as a complete field assessment of the lightning protection system.
- Base Line Audit and General Inspection to the ArcelorMittal facilities at Lázaro Cárdenas and CAMSA Unit applying the InVeritas Audit Protocol.

JANUARY 2007 – JUNE 2007

**Knight Pièsold Consultores S.A.C. “Proyecto La Granja” – Rio Tinto Minera Perú – Lima, Peru**

**Position: Human and Community Relations, Health and Safety Superintendent**

- Design, implement and monitor Safety Strategy and HSEC Management System for La Granja Project and provide advice in all areas.
- Ensure compliance with Rio Tinto standards and statutory legislation.
- Manage the implementation of the Safety Plan and provide leadership to the Safety Team.
- Among with the Health Department, conduct continuous reviews and provide and control Safety training.
- High level analysis of safety statistics.
- Coordinate regular audits and inspections to address compliance on all areas and recommend, and ensure implementation of corrective action as required.

APRIL 2003 – DECEMBER 2006

**Minera Barrick Misquichilca S.A. “Lagunas Norte” former Alto Chicama Project – La Libertad, Peru**

**Position: Safety Supervisor**

- Safety Program and Safety & Environmental Training Developer.
- ISO 14001 implementation Coordinator – Mine Operations Department.
- Electrical Storm Detection and Protection System’s Developer.
- Supervisor for the different work faces.
- Training Supervisory level and new hired people.

APRIL 2002 – MARCH 2003

**M & Jakell’s – Lima, Peru**

**Position: Safety Supervisor and Consultant – Compañía Minera Antamina – Concentrator Area**

- Safety Supervisor / Senior safety for the facilities in Punta Lobitos, Huarney.
- Responsible for the Training courses for people of the company both in Spanish and English.

FEBRUARY – OCTOBER 2002

**First Safety International – Lima, Peru**

**Position: Safety Supervisor/Consultant – Campania Minera Antamina – Concentrator Area**

- Safety Supervisor / In charge of Safety training courses provided both in Spanish and English.
- Written and simultaneous translation.

SEPTEMBER 2000 – APRIL 2001

**Bechtel Overseas Corp – Huaraz Office, Peru**

**Position: Safety Supervisor**

- Contractor Management & Auditor, including Safety programs inspector and follow-up.
- Responsible for training both to contractors and Antamina people.

FEBRUARY 2000 – July 2000

**Bechtel Overseas Corp – Huaraz Office, Peru**

**Position: Administrative Assistant in the Safety Department – Antamina Project**

- Administrative assistant and procurement.

## EDUCATION

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- **Master of Science in Industrial Engineering**, 2013 – Kingsbridge University, USA.
- **Bachelor of Science in Industrial Engineering**, 2011 – Kingsbridge University, USA.
- **Licensed Safety Professional – Construction Industry. 1) Certified Safety Consultant**, National Association of Safety Professionals, Inc. (Recognized by the Occupational Safety and Health Administration - OSHA, USA Department of Labor). **2) Certified Lightning Safety Professional**, NLSI, May 2005.
- **Industrial Engineering – Sixth Semester**, 2006 – Universidad Privada del Norte, Trujillo, Peru (Validation Certificate No. 14229 on 23/01/2009, of Ministry of Higher Education, Science and Technology of Dominican Republic).
- **Risk Control of Accidents Technician**, 2001 – Consejo Nacional de Seguridad de Chile, Chile.

## TRAINING

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### 2013

- **OSHA Course # 502: Update Trainer Course for the Construction Industry** – United States Department of Labor – OSHA Training Institute Education Center – Georgia, USA.

### 2011

- **TapRoot® Incident Investigation & Root Cause** – Dominican Republic.
- **Equifactor® Equipment Troubleshooting** – Dominican Republic.
- **PADI – Rescue Diver, Registration N°: 11110A7057** – Americas 30151 Tomas Street, Rancho Santa Margarita, CA 92688-2125 – USA.
- **New Miner** – United States Department of Labor – MSHA Mine Safety and Health Administration.
- **OHSAS 1926 Construction** – United States Department of Labor – OSHA Training Institute Education Center – Georgia, USA.
- **Registered Safety Officer** – International Board Of Environmental, Health & Safety – IBOEHS – Arizona, USA.
- **Certified Inspector of NFPA – 780 : Lightning Protection Systems** – National Lightning Safety Institute, USA.
- **PADI – Dive Master, Registration N°: Pendant / Advanced Open Water Diver, Registration N°: 730089R2705721205839-DO / Deep Diving Specialty** – Scuba Schools International, Latin America Service Center – Dominican Republic.

### 2009

- **OSHA Course # 500: Occupational Safety and Health Standards for the Construction Industry** - United States Department of Labor – OSHA Training Institute Education Center – Georgia, USA.

### 2006

- **OHSAS 18001 Internal Auditor** – Qualitas Consultores del Peru S.A.C. – La Libertad, Peru.
- **Dynamic Leadership** – IGH Group, Lima, Peru.
- **TapRoot® Advanced Root Cause Analysis Team Leader** – System Improvements, Inc. Lima, Peru.

### 2005

- **Lightning Protection for Engineers** – National Lightning Safety Institute – Albuquerque, USA.

### 2004

- **TapRoot® Advanced Investigation Team Leader** – Lima, Peru.
- **Certified Lightning Safety Professional (CLSP)** – National Lightning Safety Institute – Arizona, USA.

### 2000

- **Leadership Development / SH&E Introduction** – Antamina Project – Lima, Peru.

## **KNOWLEDGE**

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- Software: Windows XP, Vista, MS Office, Oracle, TapToot®, Responsibility Information Management System – RIMS, Livelink.
- Language: Spanish: Native / English: Near native / Italian: Intermediate.

## **PROFESSIONAL AND INTERPERSONAL DETAILS**

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- Ability to speak in front of small or large groups and ability to facilitate meetings and provide classroom training.
- Excellent communication skills, both oral and written.
- Excellent people skills, abilities: empathy and rapport.
- Demonstrated abilities to engage in productive conflict as part of a leadership team.
- Ability to lead by example.