

Robert Altamirano, C.M.S.P. **Senior Safety and Health Consultant**

Summary of Expertise

Over 20 years experience in mine safety and health management.; extensive experience in regulatory agencies interaction, industrial workers' compensation systems, HSMS implementation (OSHA VPP), auditing, planning, team building and employee communications.

Experience

Safety Solutions International, Inc.: 2007 - Present

Phelps Dodge Corporation: 2004-2007

Director, Health & Safety

- Lead and coordinated the development of best practice in health and safety across the North America and international operations
- Provided technical and leadership services to site managers; mentored, coached and developed and evaluated personnel within the scope of their job responsibilities; assisted site health and safety staff with specific performance improvement opportunities
- Assisted in the development of site strategic health and safety plans, ensuring accountability systems were implemented and effectively managed; audited sites' health and safety performance throughout the year to evaluate effectiveness, recommending opportunities for improvement as appropriate
- Supported corporation's health and safety management system through participation in conducting assessments and providing review and comments on assessment protocols for continuous improvement
- Represented the corporation by participating industry organization committees or government sponsored task forces and work groups related to mining safety
- Conducted and/or assisted with investigations of the more serious accidents at the operating sites.

Phelps Dodge Morenci, Inc.: 2001 – 2004

Manager, Health and Safety

- Active member of the branch management team
- Responsible for the activities of 13 health and safety professionals providing health and safety support to approximately 2,200 employees.
- Restructured the health and safety department to a more traditional and efficient format
- Reformatted the site's MSHA mandatory annual refresher training to include corporate required training, thus meeting both MSHA's and

corporate training initiatives; resulted in a significant cost savings and a more effective manner of presenting training.

- Established a cooperative working relationship with MSHA and state agencies
- Continually worked towards reducing work-related injuries and costs

Phelps Dodge Miami, Inc.: 1999 – 2001

Manager, Health and Safety

- Contributing member of the branch management steering team
- Led the health, safety and security teams through the Phelps Dodge Corporation acquisition transitional phase
- Instrumental in implementing Phelps Dodge health and safety initiatives; entailed developing various training teams that ultimately delivered the training to the entire workforce
- Integrated existing Cyprus health and safety processes with Phelps Dodge policies
- Supervised a team of six health and safety professionals

Cyprus Miami Mining Corporation: 1991 – 1999

Organizational Services Consultant (Safety Manager)

- Contributing member of the management steering team of the company
- Led the organizational team in areas of safety, health and security, supporting a base of 900 regular employees
- Instrumental in the development of a change process to combine safety and human resources professionals
- Led the process to develop a proactive, aggressive safety culture resulting in the site earning the OSHA VPP “STAR” status and recognition from the State Mine Inspector’s Office as the “Safest Smelter in Arizona” Award in 1997
- Developed and implemented a leader training program to accelerate empowerment of safety and human resources activities to operations
- Led the safety process which reduced incidents and industrial worker’s compensation costs
- Developed excellent working relationships between the company and regulatory agencies
- Managed contractor safety programs for two Cyprus Miami multi-million dollar projects:
 - The Smelter Modernization Project in 1992
 - Installation of a state-of-the-art refinery in 1994

Cyprus Tonopah Mining Corporation: 1988 – 1991

Manager of Safety, Health and Security

- Contributing member of the management advisory team; led the safety, health and security initiatives during the start-up phases and normal operation of an efficient molybdenum producer
- Champion of safety culture, development and implementation of the safety program required during the start-up of the operation for a base of 275 employees

- Led the development and implementation of safety training to include new employee, annual refresher and task training to comply or exceed MSHA Part 48 requirements
- Instrumental in the development and training of mine rescue teams
- Developed and implemented the industrial hygiene program

Cyprus Tohono Mining Corporation: 1987 – 1988

Manager of Safety, Health and Security

- Contributing member of the management advisory team; led the safety and security team in safety, industrial hygiene and security during start-up operations and normal operations of a copper producer
- Champion of safety culture, development and implementation of the safety program for 125 employees required during the start-up of the operation
- Instrumental in the development and training of underground and surface mine rescue teams

Cyprus Sierrita Mining Corporation: 1986 – 1988

Safety Representative

- Instrumental in implementing different safety and health policies as a result of Cyprus Minerals Mining Corporation acquiring Duval Mining Corporation

Education

Bachelor of Science in Management, University of Phoenix

**Registration and
Certificates**

Certified Mine Safety Professional
Risk and Opportunity Management, Executive Graduate
Certificate in Mineral Resources Management, University of
Nevada, Reno
Highest Degree of Safety 2004-2005 award from the
International Society of Mine Safety Professionals

Organizations

American Society of Safety Engineers
International Society of Mine Safety Professionals
American Industrial Hygiene Association