Carl O. Sall, CIH, CSP

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SUMMARY

Certified Industrial Hygienist with extensive government and corporate experience. Special expertise in Quality, Safety, Health, and Environmental Program Management. Adept at directing quality, environmental, health, medical, safety, and industrial hygiene programs across multiple sites, planning and implementing programs and improvements, and conducting inspections and audits to ensure compliance and quality programs. Comprehensive knowledge of regulatory requirements, inspection and auditing protocols, developing policies/procedures, and implementing quality assurance programs. Strong familiarity with United Arab Emirates, United States and international regulations. Experience and education in performing root cause analysis. Able to develop and introduce environmental safety and health services, conduct risk assessments, deliver presentations, and manage daily operations. Excellent reporting, analysis, and training skills.

PROFESSIONAL EXPERIENCE

Louis Berger U.S., Exton, PA, USA
Associate Vice President, Health and Safety (Corporate)

August 2016 – Current

Responsible for oversight and management of the corporate health and safety programs for U.S. operations. Duties include developing a health and safety management system that is compliant with ISO 45001, oversight of Industrial Hygiene programs, managing the company's return-to-work program, developing corporate health and safety training programs, organizing the corporate health and safety committee, and assisting in the management of the Workers' Compensation. Other responsibilities include participating in the company's Corporate Social Responsibility program and Culture and Collaboration committee.

- Provide oversight and guidance on the requirements of the company's health and safety procedures and requirements for compliance with OSHA regulations.
- Reviewed and updated the company's health and safety management system to make it more user friendly and bring it into compliance with ISO 45001 requirements
- Took the lead on the purchasing and configuration of an electronic health and safety management system.
 Development team consisted of Louis Berger U.S., Louis Berger International, Louis Berger Services, and Louis Berger Holding's.
- Managing Louis Berger U.S. Health and Safety organizational structure, business plan, and annual budget
- Working with Human Resources and Workers' Compensation insurance provider to identify areas for improvement in managing Workers' Compensation case management and improvements in the corporate health and safety program.
- Reviewing corporate managed health and safety programs such as HAZWOPER, Health and Safety Training, and employee medical exams to identify ways to streamline programs and reduce unnecessary expenditures.

Emirates Nuclear Energy Corporation/Nawah, Abu Dhabi, UAE Health and Safety Manager (Corporate – site based)

January 2012 - August 2016

Responsible for managing the safety and health programs for Nawah which includes overseeing construction and commissioning activities at Barakah Nuclear Power Plant (\$20+ Billion construction project) and ensuring continuous improvement. Duties include liaising with the prime contractor, Korean Electric Power Corporation (KEPCO) and Korean Hydro Nuclear Power (KHNP) both in Abu Dhabi and in Korea; setting up and managing contracts with consultants, equipment providers, and government agencies; and working with Sr. Management on health and safety activities. Other responsibilities include developing the Nawah Safety and Health organizational chart; setting up the Nawah health and safety management system; managing annual health and safety business plans and budgets; and coordinating activities with international nuclear organizations.

- Developed and justified Nawah's Health and Safety organizational structure, business plan, and annual budget
- Implementation of the Human Performance program in coordination with the Nuclear Performance Improvement team across the operating company and contractors
- Managed the setting up of Nawah's Health and Safety Management System that is compliant with Abu Dhabi Environment, Health, and Safety Management System (AD EHSMS) regulatory framework
- Benchmarked with operating nuclear power plants on their health and safety management systems to identify industry best practices and implement those practices within Nawah

- Lead the planning, development, and implementation of Nawah's health and safety strategy, policies, practices and procedures that were responsive to business needs, objectives, and industry best practices
- Provide guidance and support to Senior Management on the strategic planning and management of Nawah's health and safety program

Emirates Nuclear Energy Corporation (ENEC) – Corporate, Site based Safety Manager

(2012-2014)

- Acted as Director of Health, Safety, Environment and Sustainability from January 2014 April 2014
- Implemented a procurement process within the HSE department that reduced the time required to purchase an item by over 60% and payment of invoices from over 90 days to less than 30 days.
- Lead the planning, development, and implementation of comprehensive corporate-wide EHS strategies, policies, practices and procedures that were responsive to corporate business needs, objectives, industry best practices and were in compliance with legislative and regulatory requirements.
- Researched, developed, deployed and championed approaches to advance a positive safety culture through innovative OH&S systems, programs and campaigns.
- Ensured that appropriate emergency preparedness policies, standards and procedures were developed and implemented so management was equipped to respond to all foreseeable eventualities, and able to maintain continuity of acceptable service in a wide variety of emergency scenarios
- Project managing the configuration/deployment of an HSE Electronic Management System that includes integrated features such as incident management, Permit to Work, environmental management and facility management.
- Implemented Safety Campaign that focuses on promoting the Nuclear Safety Culture and a zero accident culture throughout ENEC. Activities resulted in improved incident reporting and a reduction in the injury and illness rates.
- Facilitated and managed the implementation of ENEC HSE Management System to ensure compliance with ISO 14001; OHSAS 18001; and Abu Dhabi Environment, Health and Safety regulatory framework requirements.
- Improved the managing of the HSE Budget by developing a spreadsheet that tracked expenditures and commitments by account codes and project codes. The spreadsheet improved internal financial tracking from monthly updates of only expenditures to real-time tracking of budget expenditures and commitments.
- Provided monthly briefings to the CEO and Sr. Management team on safety and health that resulted in management getting more involved in the organizations safety and health program.

Abu Dhabi Environment, Health, & Safety Center, Abu Dhabi, UAE Occupational Health Advisor (Contract)

April 2010 – January 2012

Accountable for the development of occupational health and industrial hygiene regulations for the Emirate of Abu Dhabi, United Arab Emirates. Duties include reviewing all safety and health regulations along with development of a regulatory framework based on an environment, health, and Safety (EHS) management system. Other responsibilities include developing agreements with international organizations, providing stakeholder training, reviewing Emirate EHS statistics, and organizing an annual international EHS conference.

- Managed the development of occupational health and industrial hygiene standards for the Emirate of Abu
 Dhabi along with reviewing all safety and health regulations. Standards responsible for developing include
 first aid, heat stress, exposure to lead, occupational hygiene and housekeeping, underwater activities, worker
 accommodations, and prevention of legionnaire's disease.
- Developed partnership with Abu Dhabi EHS Center and the American Society of Safety Engineers (ASSE). The international partnership focuses on sharing resources and developing EHS professionals in the Emirate.
- Organized international partnerships and strong working relationships with the United States Occupational Safety and Health Administration (OSHA), American Society of Safety Engineers (ASSE), and American Industrial Hygiene Association (AIHA), government of Singapore, and the government of Malaysia.
- Liaised and maintained relationships with local, state, national, agencies and professional associations and societies in OH&S community.
- Evaluate written EHS management submission to ensure they are compliant with Abu Dhabi regulatory requirements. EHS management systems must meet International Standard Organization (ISO) requirements, plus additional requirements as required by the Emirate of Abu Dhabi.

PROFESSIONAL EXPERIENCE

Total Environmental Concepts, Gaithersburg, MD
Program Manager – Walther Reed Army Medical Center (Contract)

October 2008 – April 2009

Accountable for the development, management, and improvement of the safety, health, and environmental programs at Walter Reed Army Medical Center. Prior to Total Environmental Concepts (TEC) winning the contract, the Army released the incumbent for non-performance. Within 45 days of my arrival, performance ratings increased from unsatisfactory and satisfactory performance to good and excellent performance. The reason for the dramatic improvement was the implementation of action item tracking system, development of a plan with performance measures, and my ability to build positive relationships with the client. Quality improvement and tracking programs were employed to ensure continual improvement of the Walther Reed Army Medical Center's safety, health, and environmental programs.

- Manage 22 project employees that consisted of administration, safety, health, and environmental
 professionals. Management of employees includes hiring new employees, developing performance goals,
 writing performance appraisals, conflict management, and implementing corrective actions when employees
 do not meet expectations.
- Lead the HSE team with the focus on creating a positive work environment and culture within the department by providing clear objectives and performance expectations for subordinates, identifying training, and implementing career development programs
- Program Manage the garrison's environmental programs that includes Clean Air Act, Clean Water Act, RCRA, Hazardous Materials Management, Pollution Prevention, NPDES, and environmental training programs.
- Program Manage the installation's safety and health programs that includes confined space, lockout/tagout, ergonomics, bloodborne pathogens, ladder safety, fall protection, wearing of PPE, HAZCOM, and contractor safety programs.
- Drafted and finalized the 2009 Safety and Health Plan for Walter Reed Army Medical Center. The plan
 includes assigning specific goals and deliverables to subordinates with specific due dates. Primary focus for
 the 2009 Safety and Health Plan is the implementation of "The Army Safety Program" that ensures
 compliance with the requirements of AR 385-10.
- Drafted and finalized the 2009 Environmental Plan for Walter Reed Army Medical Center. The plan identifies areas of responsibility for staff members, provides goals with due dates, and focuses on ensuring compliance with regulatory and contract requirements.
- Write and approve letters, memorandums, and regulatory documents for signature by senior staff that includes the commanding General.
- Represent the Garrison Environmental Office and Installation Safety Office at various working groups and staff coordination meetings where senior military staffs receive program update briefings. During meetings it is common to brief senior staff on various environmental and safety issues, actions plans to resolve issues, and quality assurance actions taken to ensure complete resolution of issues and prevent them from occurring in the future.
- Review and approve garrison wide safety, health, and environmental articles that Walter Reed Army Medical Center prints it its official newspaper. Topics included cold weather safety, workplace safety, holiday safety, and driver's safety.
- Develop and manage quality programs to ensure compliance with federal regulations, U.S. Army requirements, and contract requirements. Measures taken to ensure performance measure exceeded client expectations included implementing a project tracking system; development of a master calendar that contains all deliverables, meeting dates, and internal due dates; and implementation of using Microsoft Outlook tasks and email flags with reminders to ensure assignments and projects are followed through to completion.

Kellogg Brown and Root (KBR), Doha, Qatar Health and Medical Manager – Shell Pearl GTL Project October 2005 - October 2008

Responsible for the health, safety, and wellness of employees and subcontract employees working on the construction of Shell's Gas to Liquids (GTL) project in Ras Laffan Industrial City, Qatar (\$20 Billion construction projet). Duties include planning, developing, and managing a medical program that was designed to provide medial services for over 50,000 employees and site construction workers. Other duties include implementing quality

assurance programs, such as performing health and safety audits, to ensure site programs met the requirements set forth by local government authorities and the Shell contract.

- Developed project safety, health and medical programs to ensure compliance with Shell corporate guidelines, Ras Laffan Industrial City (RLIC) requirements, and Qatari labor regulations. Because of the completeness of documents, RLIC had requested approval to use program guidance documents in the development of their programs.
- Drafted and finalized 2007, 2008, and 2009 Medical and Health Plans for the Pearl GTL Project. Plans included staff assignments, goals with completion dates, and quality assurance programs to ensure continual improvements of the medical and health program.
- Coordinated the delivery of health services for employees both living on Ras Laffan Industrial City and in the local community. The health services was designed for the projects peak employment which Shell estimated at over 50,000 employees and contractors.
- Developed policies, procedures, instructions, and training for the projects health, safety, and environmental program with the goal of reducing incidents, injuries, illnesses, and environmental impacts. Documents provided guidance for contractors and subcontractors working on the project.
- Maintained current knowledge of health and safety industry best practices and technological developments and equipment to remain up-to-date on related systems, devices and techniques designed to eliminate or minimize associated risks. Kept current on regulatory requirements pertaining to health and safety.
- Accountable for designing and developing the industrial hygiene, first aid, emergency medical, ambulatory, and primary health care programs the project.
- Inspected and surveyed workplaces, processes, products, or other systems for compliance with established EHS policies and standards to ensure safety, health, hygiene, and environmental compliance.
- Conducted routine process reviews to ensure quality control system were in place. Process reviews were used to identify potential areas for program improvement and create action plans to implement improvements.
- Coordinated with the Qatari Ministry of Health and KBR Corporate Medical to resolve any health related concerns for KBR employees working in Qatar.
- Performed project Safety and Health Risk Assessments to identify new and existing hazards and develop solutions to ensure compliance with written policies, procedures, Qatari laws, and Shell's Minimum Health Management Standard.
- Coordinated Medical Emergency Response with Shell's onsite ambulance, Ras Laffan City's Emergency
 Response Team and Qatar Petroleum's Medical team to ensure response times for advanced life support is
 within 20 minutes. Success of the program was seen in ambulance response times of less then eight minutes
 for over 90 percent of responses.
- Developed and performed health and safety audits of worker camps. Areas of focus included food safety, infectious disease management, employee welfare, first aid stations, safety hazards, and camp hygiene.
- Worked with engineers to design portable first aid stations and emergency medical center that guaranteed employees receiving the highest level of care while protecting employee medical confidentially.

 $Government\ and\ Infrastructure,\ Arlington,\ VA-Corporate$

(2005-2006)

Sr. Health Safety and Environmental Manager, Health

- Managed corporate global industrial hygiene, occupational health, and wellness programs.
- Responsible for reviewing new federal regulations to assess how it applied to the corporate Health Safety and Environmental (HSE) program and potential effects to projects.
- Conducted corporate site audits that specifically target health safety and environmental management concerns.
- Developed global strategic HSE safety plans and goals for the company. Created goals by analyzing corporate HSE statistics and using the data to focus goals for the following year. Statistics were also used to determine if programs implemented in the previous year were having the desired effect.
- Designed and implemented metrics to monitor program and effectiveness of HSE initiatives, progress, policies, procedures and processes.
- Reviewed medical monitoring programs for compliance, carried out risk assessments, developed new initiatives, and updated policies and procedures to meet ISO 9000 and 14000 regulations.
- Performed onsite audits of sites in Iraq, Afghanistan, and UAE to determine the existence, severity, probability, and outcome of hazards. Tracked and measured corrective actions and improvements.
- Reviewed operational costs and prioritized program requirements for 2007 HSE budget.
- Evaluated and analyzed injuries and related trends for the business. Worked directly with worksites to perform root cause analysis and implement associated preventative measures.

- Developed documents and briefed senior management on various infectious disease hazards and actions to take to prevent outbreaks. Infectious diseases included chicken pox, tuberculosis, and avian flu.
- Performed investigations for KBR's legal department to determine the validity of ethics hotline call and assisted in identifying any potential liabilities for the company.

BayFirst Solutions, Washington, DC **Industrial Hygiene and Safety Program Manager** (DHS Headquarters)

June 2005 – November 2005

Provided program management and professional expertise in occupational health, safety, industrial hygiene, environmental protection, natural resource management, and energy conservation for the Directorate of Science and Technology (S&T). Duties included actively participating on multi-agency committees that were focused on addressing environmental, health and safety issues for the Department of Homeland Security (DHS).

- Reviewed project proposals to evaluate potential safety, health, environmental impacts on the workforce and surrounding community.
- Established HSE policies and programs to address concerns, contingencies and requirements emanating from DHS S&T activities.
- Managed relationships with governmental agencies and industry and trade groups to understand current and future legislative and technology issues that affected the operations.
- Reviewed reports concerning facility operations and needs to assure compliance with environmental, health and safety, and energy conservation requirements.
- Planned and managed program activities pertaining to HSE to control or eliminate hazards.
- Represented the agency and Directorate on intra-agency and multi-agency HSE committees and task forces.
- Developed and implemented emergency response plan for S&T Headquarters Office in Washington, DC.

Comprehensive Health Services, Inc., Vienna, VA **Director of Occupational Safety and Health Compliance** (Corporate)

July 2002 – June 2005

Program Manager duties involve overall management from a business perspective of the largest commercial client for Comprehensive Health Services, Inc. (CHS) Contract consists of 23 on site health units and managing Surveillance Exams, Fitness to Work Exams, Deployment Exams, and Drug Testing programs for sites without health units. Director of Occupational Safety and Health duties consisted of monitoring CHS's safety, health, and environmental program. Regularly provided safety and heath assistance to both CHS staff and clients, reviewing medical monitoring programs to ensure they are compliant with current safety and health regulations, performing risk assessments, and assist in the development of new programs. Additional duties include the development of the corporate Intranet site, updating corporate policies and procedures to ensure they are ISO 9000 compliant, and performing internal operations reviews to ensure that processes are efficient and produce a quality service.

- Served as Program Manager, providing onsite medical services for 23 contracted sites. Additionally oversaw Surveillance Exams, Deployment Exams, and Drug Testing.
- Conducted site inspections which included evaluation of safety and health programs, medical records, OSHA 300 logs, and medical surveillance programs. Provided similar services at corporate level.
- Audited operational costs and developed cost saving initiatives that would reduce costs while improving quality and performance of CHS staff.
- Identified potential issues and developed effective resolutions, including program changes and training.
- Provided onsite OSHA record keeping, advised clients on development of new safety and health programs. Managed account data. Developed corporate Intranet site to improve efficiency and knowledge sharing.
- Designed new procedures for HSE programs, account management, quality control, and exam processing. Conducted routine process reviews to identify potential areas for program improvement.
- Assisted staff with customer relations. Participated in Raytheon's EHS Leadership conference and OSHA Incident Review Team. Attended Six Sigma Specialist training.
- Participated in multiple Six Sigma initiatives, including medical monitoring requirements, development of
 ordinance exam program, and creation of electronic customer satisfaction survey.
- Project Manager for implementation of CHS Quality Management Process, and for Dow Chemical contract. Initiated contract and monitored daily operations of program before assuming control of Raytheon's contract.

- Analyzed safety and transportation regulations for Canada and Mexico to ensure current medical programs in compliance with country-specific regulations.
- Responsible for keeping the Chief Executive Officer and Chief Operating Officer informed on the goals and accomplishments of the corporate safety and health program.

U.S. Department of Transportation; U.S. Coast Guard, Washington, DC Occupational Safety and Health Manager – Shore Safety (Headquarters) GS-0018-14

January 2002 – July 2002

Duties included that of the Deputy Director of Shore Safety and Health and the Fire Marshall for the U.S. Coast Guard. Worked with and assisted members of the Coast Guard in achieving compliance with various safety and health regulations.

- Served as Deputy Director of Shore Safety and Health, and Fire Marshall. Ensured compliance, conducted reviews, and worked with various groups to improve safety and health programs.
- Provided program oversight and recommended safety and health policy to higher levels of management.
- Applied safety and occupational health laws, regulations, principles, theories, practices, and procedures to advise on or resolve technical matters dealing with occupational safety and health program requirements.
- Authored updated respiratory protection program, in accordance with OSHA guidelines.
- Updated safety and health areas of Tower Manual. Introduced recommendations for safety regarding individuals responsible for installing and repairing navigational devices.
- Oversaw Federal Worker 2000 project. Reviewed and monitored Worker's Compensation and provided recommendations on methods for reducing injury and accident claims.

U.S. Department of Labor, Occupational Safety and Health Administration, Washington, DC Occupational Safety and Health Specialist, Directorate of Construction GS-0018-13

August 1997 – January 2002

Member of OSHA rule making teams that developed and promulgated OSHA standards and Compliance Directives. Activities included sanitation, scaffolding, process safety management, noise, silica, steel erection, and multi-employer work sites. Additional duties included researching technical questions, writing OSHA National Office interpretation letters, reviewing compliance directives, producing outreach material, providing training courses, presenting informational presentations, and reviewing official OSHA documents for conformity with OSHA National Office policy.

- Member of OSHA rulemaking teams that developed and disseminated standards and compliance directives.
- Researched technical issues and authored national office interpretation letters to clarify OSHA requirements.
- Reviewed compliance directives, interpretation letters, outreach materials, and other documents to ensure conformance with office policies. Provided outreach to general public through training and presentations.
- Conducted research and drafted new standard addressing silica regulatory requirements and controls.
- Responsible for multi-employer and falling object protection sections of new steel erection standard.
- Served as agency point-of-contact to employers and public for multi-employer worksite policy.
- Applied safety and occupational health principles, theories, practices, and procedures in the development of new regulatory standards.
- Trained workers, supervisors, managers, safety professionals, and occupational health professionals on the identification and control of worksite hazards.

Industrial Hygienist Baton Rouge, LA (1997-1998)

Inspected general industry facilities, sawmills, shipyards, and construction sites for compliance with OSHA
safety and health regulations. Performed industrial hygiene inspections and used NIOSH sampling protocols
to document employee exposures.

- Member of team that conducted OSHA Voluntary Protection Program (VPP) audits at sites to determine if employers met requirements for admittance into OSHA's VPP program.
- Reviewed facility written safety programs and injury/illness data during compliance inspections. Conducted employee interviews to evaluate programs.
- Applied safety and occupational health laws, regulations, principles, theories, practices, and procedures to eliminate or control potential hazards.
- Analyzed and evaluated new and existing jobs, process, products, or other system to determine the existence, severity, probability, and outcome of hazards.
- Reviewed the design of workplaces, processes, products, or other systems to ensure compliance with federal regulations.
- Served as OSHA liaison to a federal safety and health committee that met monthly in New Orleans. Duties included identifying safety and health concerns and developing solutions to problems.

United States Air Force, Whiteman Air Force Base, MO Physical Science Technician (Environmental) GS-1301-07

June 1993 – August 1997

Duties included performing site inspections to ensure compliance with OSHA, EPA, TSCA, RCRA, DOT, and state environmental regulations; supervising the removal and disposal of PCB contaminated electrical equipment and Asbestos contaminated materials; managing the base spill response/recovery team; and providing education to base personnel and contractors on Whiteman's environmental program.

- Developed and implemented risk management and analysis process to minimize injuries, illnesses, and environmental impacts emanating from inadequate health, safety, and environmental practices.
- Carried out site inspections to ensure compliance with OSHA, EPA, TSCA, RCRA, DOT, and state environmental regulations. Managed base spill response/recovery team.
- Oversaw removal and disposal of PCB and asbestos-contaminated equipment and materials.
- Trained personnel and contractors on base environmental program, including hazardous waste turn-in, emergency response, safety and health, and HAZWOPER procedures.
- Created training programs that resulted in no state inspection violations for two consecutive years.
- Played key role in reducing base production of hazardous waste from 120 tons per year to less than 20 tons.
- Designed database that produced reports for regulatory agencies and eliminated errors in labeling hazardous waste containers. Program additionally reduced time required to track hazardous waste.
- Collaborated with EPA and local college to provide Hazardous Waste Operations and Emergency Response (HAZWOPER) training to local safety and health professional.

Army Reserve National Guard – State Safety Officer State Safety Officer / Major

June 1987 – May 2010 (Retired)

Responsible for the health and safety of soldiers in Virginia Army National Guard. Duties include ensuring soldiers and leaders understand the Army Safety Program and receive regular safety and health training. Duties also include setting goals for the safety and health program, performing site audits, and briefing key leaders on safety and health statistics.

- Developed state safety training programs to inform soldiers of common hazards.
- Participate in the State Safety Council. The councils focus was to reduce injuries and illness in the Virginia National Guard.
- Conduct site health and safety audits to evaluate effectiveness and compliance. Work with sites and safety professionals to develop and implement action plans to improve site safety and health performance.
- Maintain and share current knowledge of health and safety industry best practices with state safety staff to help develop an efficient team.
- Provide leadership and direction in the implementation of applicable health and safety standards.
- Recognized with three Army Achievement Medals and one Army Accommodation Medal.
- As a battery commander, supervised over 100 soldiers and managed over \$10 million worth of equipment
- Supervised unit's environmental safety and health programs

- After receiving command, increased unit strength from below 90% to over 100%. Recognition was given to the unit for having the highest retention rate in the battalion
- Received accolades after taking command because management and evaluators noticed significant changes in the units moral and capabilities.

EDUCATION

Central Missouri State University, Warrensburg, MO

- MS in Industrial Hygiene (1997). GPA 3.93
- **BS in Industrial Hygiene** (1996). Graduated cum laude.

CERTIFICATIONS

- Certified Industrial Hygienist, Comprehensive Practice, American Board of Industrial Hygiene (2002)
- Certified Safety Professional, Board of Certified Safety Professionals (2006)

ASSOCIATIONS

- American Industrial Hygiene Association (AIHA):
 - O Vice Chairman, Management Committee
 - o Previous Member, Continuing Education Committee.
- American Society of Safety Engineers (ASSE)
 - o Organized ASSE chapter for the United Arab Emirates
- Nuclear Industrial Safety and Health Association (NISHA)

PUBLIC SPEAKING / PRESENTATIONS

November 2018: TVA Local Section of AIHA - 8-hr PDC Understanding Leadership from the Masters

November 2018: AIHA – 8-hr PDC Understanding Leadership from the Masters

June 2018: AIHce – Negotiation Skills for Young Professionals

June 2018: AIHce – 8-hr PDC Understanding Leadership from the Masters

April 2017: Philadelphia Local Section ASSP: Seminar Fest – Human Performance

January 2016: Intersec Occupational Health and Safety Conference, Dubai –Importance of Effective Safety Leadership

October 2014: British Occupational Health Society, Abu Dhabi – Presentation at conference

November 2013: Metric Stream GRC, Dubai – Best Practices in Adopting HSE Programs

February 2012: Innovation in Oil and Gas Safety, Dubai – Presentation at conference

April 2011: 2nd Annual Occupational Health and Safety Forum, Kuwait – Presentation on management systems

April 2011: 2^{nd} Annual Occupational Health and Safety Forum, Kuwait – 4-hr PDC on Occupational Wellness

PROFESSIONAL DEVELOPMENT

- Strengthening EHS Leadership, American Industrial Hygiene Association, 8 hours, June 2017
- 8 Ways to Improve Your Workplace Injury Prevention, American Industrial Hygiene Association, 8 hours, June 2018
- EM385-1-1, January 2017
- 30-Hour OSHA Construction
- 40-Hour HAZWOPER, November 2016
- 10-Hour OSHA Construction, October 2016
- Video Editing for Presentation and Websites, American Industrial Hygiene Association, 4 hours, May 2015
- Methods and Applications for Chemical Detection in Real Time, American Industrial Hygiene Association, 1 Day, May 2015
- Observation and Coaching, ENEC, 1 Day, May 2015
- Human Performance Tools, ENEC, 2 Days, April 2015
- Practical Applications of Portable Radiation Instruments, American Industrial Hygiene Association 1 Day, 2014
- Abu Dhabi Environment, Health and Safety Management System, AD EHS Center, 2 Day, 2013
- Practical Aspects of Mass Casualty Patient Decontamination, American Industrial Hygiene Association, 1 Day, 2013
- Sustainability Measures and Metrics: Changing the World Through Transparency, American Industrial Hygiene Association, 1 Day, 2012
- A New Look at Permit Spaces, American Industrial Hygiene Association, 1 Day, 2012
- Virtual Training, American Industrial Hygiene Association, 1 Day, May 2011
- Ergonomics Assessment Toolkit, American Industrial Hygiene Association, 1 Day, May 2011
- Advance Ergonomics, 5 Day, August 2009
- Developing Matric Systems for Sustained Improvements, 1 Day, May 2009
- Write & Speak Like the News: 5 Journalism Skills to Sharpen you IH Communication, 4 Hours, May 2009
- Essentials of Hazardous Materials Management, 3 Days, June 2008
- Application of Engineering Economics Principles Toward Determining Economical Feasibility of OEHS Controls and Solutions, American Industrial Hygiene Association, 2 Days, June 2007
- Being Prepared for Change, Army e-Learning, 4 Hours, December 2006
- Self-Empowerment: Management from Within, Army e-Learning, 4 Hours, December 2006
- Financial Leadership for Non-Financial Leaders, Texas A&M, 5 Days, November 2006
- Communicate for Results, Army e-Learning, 4 Hours, November 2006
- Communication Skills for Leadership, Army e-Learning, 4 Hours, November 2006
- Seven Habits of Highly Effective Leaders, KBR, 3 Days, September 2006
- CSP Comprehensive Review, American Society of Safety Engineers, 3 Days, June 2006
- Change and the Executive Leader, College of Management and Leadership, 4 Hours, June 2006
- Becoming and Executive Leader, College of Management and Leadership, 4 Hours, June 2006
- Exposure Assessment Strategy, American Industrial Hygiene Association, 2 Days, May 2006
- TAPROOT Root Cause Analysis, KBR, 2 Days, February 2006
- Meth Lab Decontamination, American Industrial Hygiene Association, 3 hours, December 2005
- The Science of Negotiations for the Environmental Health and Safety Professional, American Industrial Hygiene Association, 1 Day, May 2004
- Expert Witness Testimony, American Industrial Hygiene Association, 3 hours, February 2004
- General Management and Leadership Part 1 and 2, American Industrial Hygiene Association, 2 Days, June 2003
- Comprehensive Review of Industrial Hygiene, Rocky Mountain Center for Occupational and Environmental Health, 5 Days, March 2002

OTHER PROFESSIONAL COURSES

- PADI Scuba Instructor, October 2015
- PADI Assistant Instructor, September 2015
- PADI Divemaster / First Aid, AED, CPR Instructor, June 2013
- PADI Rescue Diver Course, January 2010
- PADI Advance Open Diver, July 2009
- PADI Open Water Diver, June 2008