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QUALIFICATIONS:

Forty years of experience in managing safety and health including radiological safety, industrial/commercial safety program management, industrial hygiene monitoring, regulatory experience as a USDOL- OSHA Area Director and monitoring/evaluation of safety and health programs, risk assessments, and regulatory experience with environmental laws associated with hazardous waste site operations, maintenance and remediation. Private consulting and expert witness testimony in the safety and health fields. Certified Safety Professional, (CSP) #10471 with the Board of Safety Professionals. Certified Healthcare Safety Professional (CHSP) with the Board of Hazard Control Managers, and Certified Health and Safety Technician #C1178 with the Council on Certification of Health Environmental and Safety Technologists.

CERTIFICATIONS:

- Certified by the Board of Certified Safety Professionals. Certification No. 10471.
- Certified Healthcare Safety Professional by the Board of Hazard Control Managers, No. 778.
- Construction Health and Safety Technician (CHST) #C1178

EDUCATION:

B.S. in Occupational Safety and Health Engineering, Columbia Southern University;
February 1997

M.S. in Occupational Safety and Health Engineering, Columbia Southern
University; August 1998

PhD in Occupational Safety and Health, Columbia Southern University; March 2001

ORGANIZATIONS:

Professional Member of the American Society of Safety Engineers (ASSE)
Member of the Veterans of Safety (VOS)
Member of the American Industrial Hygienist of America (AIHA).
Member of the Certified Healthcare Safety Professionals (CHSP)
Member of the Small Business Hawaii Association (SBH)
Society of Fire Protection Engineers (SFPE)

Member of the National Safety Management Association (NSM)

EXPERIENCE:

June 1998 to Present

Own and operate an occupational safety and health consulting business offering services as described in the August experience below. Consulting for construction companies; healthcare companies; including major hospitals; general industry consulting, e.g., hotels; and retail companies; maritime and longshoring companies in Hawaii; and ship repair companies.

May 1997 to June 2001 Safety and Security Manager for St. Francis Medical Center.

Responsible for the development and implementation of a safety and security program that meets the federal, state, and Joint Commission standards. Programs include environmental protection and handling regulations and policies, e.g., handling of hazardous materials/waste, regulated and non-regulated medical waste, bio-hazardous waste and air/water discharges to the environment. Compliance with environmental protection laws and standards are combined with the "Safety" function. (This function performed as a Consultant to the Medical Center from 1999-2001)

Safety Officer for St. Francis Medical Center (1997-1999). Responsible for the environmental, safety and health programs and issues associated with a 200 bed hospital and 12 satellite health care facilities. The management of the programs for the medical center included the incorporation of the EPA, OSHA, HIOSH, CDC, Joint Commission for Accreditation of Hospitals (JCAHO), Health Standards issued by the State and Federal Agencies, as well as the national guidelines, e.g., NIOSH, CDC, ASHRAE, etc. In addition, I manage the consulting business described below.

August 1996 to Present

Self employed; Occupational Safety and Health consultant providing the following services:

- OSH Training for Instructors
 - OSH Program Development
 - Mock OSHA or HIOSH Inspections
 - Subject Matter Expert/Witness
 - OSH Program Evaluations (including program certifications meeting the Hawaii Revised Statutes)
 - Risk Assessments
 - OSH Abatement/Technical Support
- Services
- Represent employers for OSHA or State Inspections and evaluation of citations.
 - Development/implementation of OSH programs on-site.
 - Training and audit of hazardous waste site remediation work.
 - Subject matter training on OSH topics.
 - Speaker on OSH subject matter.

- OSH Program Mentor Healthcare facilities and JCAHO standards.
- Performance evals and measures.
- Environment of Care Consulting for

Jan 1996 to July 1996

Senior Environmental, Safety and Health Representative for Bechtel Nevada. Managed the environmental, safety and health program for the support services at the Nevada Test Site and remote locations. Zero disabling work injuries. NOTE: The work place remained the same (except for the Pacific areas) however, I worked for Bechtel after they took over the contract from Raytheon. See below for duties and responsibilities.

1993 to 1995

ES&H Deputy Manager for Raytheon Services Nevada. Managed the environmental, safety and health program for the Nevada Test Site and the Pacific Operations. Developed and implemented safety and health programs for Johnston Island and trained managers and supervisors on the legal aspects of OSHA inspections; conducted mock OSHA inspections and evaluated the implementation of the safety and health programs. Also developed and coordinated the environmental programs to bring about EPA compliance on the island. Environmental work included the studies of the hazardous waste sites, remediation of these sites, monitoring of the environment around these sites, and shipment of hazardous waste off Johnston Island. As the ES&H Deputy Manager reviewed and approved the final acceptance of the spill facility, and the bomb remediation facility for compliance with OSHA, DOE and EPA regulations.

Privately, provided consulting safety and health services for major construction companies and contracting associations; provided testimony as a subject matter expert in cases dealing with mercury, fall protection, hearing conservation and issuance of OSHA or state citations.

1991 to 1993

Pacific Area Director for the U.S. Dept of Labor, OSHA. Managed the Area Office for the Pacific, which included Hawaiian Islands, Guam, Commonwealth of the Marianas, American Samoa, Johnston Island, Wake Island and all federal agencies in the Pacific. Conducted inspections throughout the Pacific; conducted training and seminar sessions for employers as well as employees and various labor unions; gave speeches on various OSHA matters and safety and health topics; conducted accident investigations; participated in legal proceedings related to contest of citations, informal conferences, testified as a subject matter expert; and

monitored the State of Hawaii's safety and health program by meeting with State officials and conducting analytical studies of their performance and evaluating their programs. Worked in joint inspections and task forces with other federal agencies such as EPA, FBI and Dept of Interior.

1981 to 1991

Safety Director for Pearl Harbor Naval Shipyard. Managed the Safety and Health Office. This position included work in all naval nuclear facilities. Established the data base for workplace exposures to chemical stressors, e.g. asbestos, lead, welding fumes, arsenic, etc.; established the shipyard ergonomic program; started the behavior based management modules to change behaviors related to unsafe work places; reduced accident rates to less than the national average and showed a consistent decline in injuries/illnesses for a five year period; and established working safety and health committees in each of the five production shops.

PUBLIC SPEAKING:

- 03/09 Speaker at the Actus training session, "OSH Liabilities"
- 03/09 Speaker at the Actus training session, "MSDS and Manifests"
- 05/08 Speaker at the PacRim Safety and Health Conference, "Multi Employer Sites".
- 04/07 Co-Speaker at the Bi-Annual ASSE/Gaspro Occupational Safety and Health Conference. "Multi-Employer Responsibilities".
- 09/06 Speaker at 6 HIOSH sponsored speaking engagements. "How to Reduce Injuries & Illness with a Safety Program." Two speaking engagements on Oahu, and one each on Maui, Kauai and two on the Big Island.
- 05/06 Speaker at the PacRim Safety and Health Conference, "Behavioral Safety Performance".
- 02/06 Presentation to American Society of Safety Engineers, Behavior Based Safety Measures".
- 04/04 Speaker at the PacRim Safety and Health Conference, "Partnerships for Safety and Health".
- 02/03 "Fleet Safety", Oahu Fleet Safety Organization.
- 04/02 Speaker at the PacRim Safety and Health Conference, "Regulatory Inspections".
- 10/00 Veterans of Safety luncheon, "Building Women in Construction."
- 10/00 Speaker at the Big Island Safety Association Conference, "Are You Ready for the Worst Case Scenario?"
- 4/00 Speaker at the PacRim Safety and Health Conference, "Effective Programs and Diligence".
- 11/99 Speaker at the Big Isle Safety and Health Conference, "Effective

- Programs and Diligence”.
- 10/99 Speaker at the ASSE Luncheon Meeting (Due Diligence)
 - 1/99 Speaker at the OSHA Ten Hour Course conducted in Kona, Hawaii
 - 1/99 Instructor for Honolulu Community College, OESM 101, “Introduction to Occupational Safety and Health.” Ten week accelerated accredited course.
 - 12/98 Presentation to the Big Isle Safety and Health Council
 - 10/98 Presentation to the BIA on Hazardous Materials
 - 7/98 Instructor for Honolulu Community College, OESM 102, “OSH Standards & Liabilities.” Ten week accelerated accredited course.
 - 4/98 Instructor for Honolulu Community College, OESM 101, “Introduction to Occupational Safety and Health.” Ten week accelerated accredited course.
 - 11/97 Address the Small Business Coalition Hawaii, “HIOSH Inspection Quotas and CASPAs.”
 - 10/97 Guam’s Governor’s Safety and Health Conference, “State Plans and the Forging of Partnerships”.
 - 7/97 Guam Sub-Committee for Guam State Plan
 - 5/97 Guam Governor’s Council, “State Plan for Guam?”
 - 5/97 Guam Employers’ Council, “OSHA Inspections in Guam”
 - 5/97 Saipan Garment Manufacturers Association, “OSH Programs and OSHA Inspections”
 - 5/97 Guam Contractors Association, “Equality and Employer Rights of OSHA Inspections”
 - 9/96 Insurance Seminar, “Safety & Health Program Evaluations”
 - 2/95 Career Day at Hyde Park Junior High, “What is ES&H?”
 - 1/95 General Contractor Association - Nevada, “OSH Programs and Liabilities”
 - 4/94 Speech to the Defense Nuclear Agency Command at Albuquerque, “ES&H Program for Johnston Atoll”
 - 2/94 Speaker at the DOE/NV Safety and Health Symposium, “Value of Safety and Health Programs”
 - 10/93 Hawaii Building and Construction Trades Council, “OSHA and State Plans”
 - 2/93 Speech to the Garment Factory Association - Saipan, “OSHA Inspections and Employer Rights”
 - 2/93 Speech to General Contractors Association - Guam, “OSHA Inspections and Employer Rights”
 - 1/93 Speech for National Society of Professional Engineers on “Construction Safety”
 - 7/92 Public Forum, Gilligan’s Hyatt - Guam, “OSHA Penalties and Inspections”
 - 7/92 Speech for General Contractors Association - Saipan, “OSHA Penalties and Inspections”

- 7/92 Public Forum - Saipan, "Employee Rights under OSHA"
- 5/92 Participated in Panel discussion with HIOSH, and others for Honolulu Community College.
- 4/92 International Longshoremens Workers Union, Local 142, "Employee Rights and Longshoring Fatalities"
- 4/92 International Association of Fire Fighters, Local F-263, "Employee Complaints and Employee Rights"
- 3/92 Service Employee International Union, Local 556, "OSHA Inspections and Employee Rights"
- 9/91 International Brotherhood of Electrical Workers, Local 1186, "OSHA and Employee Rights"
- 7/91 International Association of Machinists and Aerospace Workers, Local 1998, "Employee Rights"
- 6/91 Hawaii Field Federal Safety and Health Council, "Federal Agency Safety and Health Programs"
- 5/91 Metal Trades Council, Pearl Harbor Naval Shipyard, "Federal Agency Safety and Health Programs"
- 5/91 Speech at the American Industrial Hygiene Association, Hawaii Chapter, "OSHA Inspections and State Plans"
- 3/91 Hawaii Field Federal Safety and Health Council, "OSHA Inspections of Federal Agencies"

SUBJECT MATTER EXPERT TESTIMONY/DEPOSITIONS:

- 4/09 Deposition for a civil case concerning the use of a Grade-All rough terrain forklift and injury to a rider.
- 3/09 Deposition for a civil case concerning the use of a backhoe by unqualified and untrained operator.
- 3/09 Deposition for a civil case concerning the construction of wall frames and severe back injury.
- 12/08 Deposition for a construction claim case as the General Manager/Risk Manager for a Construction Company. Metcalf v. US Govt.
- 04/07 Deposition for a construction claim case as the General Manager/Risk Manager for a Construction Company, in an alleged wrongful termination of a subcontractor by a general contractor on a Federal project.
- 12/06 Deposition for a civil case concerning the General Duty Clause and fall through unprotected and unmarked floor opening

- 11/06 Testimony before the Arbitrator on construction claim case involving alleged wrongful actions by a general contractor on a Federal contract.
- 08/06 Deposition for construction claim case involving alleged wrongful actions by a general contractor on a Federal contract.
- 08/06 Deposition for civil case concerning improper lockout/tagout and multi employer work site.
- 06/06 Deposition for civil case concerning a 20' fall from a residential house.
- 03/06 Deposition for civil case concerning a slip, trip and fall on a sidewalk.
- 12/05 Deposition in civil case regarding use of pipe chocks and the injury from improper unloading operations.
- 06/05 Testified in Mediation for a civil case concerning a forklift operation and multi-employer site.
- 05/04 Deposition for civil case concerning a truck accident, expert opinion regarding multi-employer work sites.
- 12/02 Deposition for civil case concerning forklift operations, training and certification.
- 04/02 Deposition in a civil case regarding injury at a multi-employer site and safe use of gas cylinders.
- 2/01 HIOSH contest hearing . Testify before the Hawaii Labor Relations Board, regarding the application of OSHA's fall protection standards in residential construction, the OSHA standards/compliance directive, and classification of citations.
- 10/00 HIOSH contest hearing. Testify before the Hawaii Labor Relations Board, regarding the application of the fall protection standards in residential construction. Characterization of "repeat" citations, and serious citations.
- 5/00 Deposition in a civil case, regarding the responsibilities of employers to provide a safe and healthful work place. (General contractors and

subcontractors.)

- 4/00 Testimony before the Labor Board in a HIOSH contest hearing, regarding the characterization of a “repeat” violation and the issuance of citations for “other than serious” versus a deminimus violation.
- 9/99 Testimony before the Labor Board in a HIOSH contest hearing, regarding establishment of HIOSH violations for a fire from welding operations.
- 5/99 Testimony in a Civil lawsuit regarding mercury exposures and the hazard communication standards. (Colorado)
- 4/99 Deposition in a civil, personal injury suite regarding the installation of guardrails and fall hazards.
- 12/98 Testimony before the Labor Board in a HIOSH contest hearing, regarding scaffolding, electrical violations, excavations, and repeat violations.
- 10/98 Deposition in a civil, personal injury suit regarding flammable atmospheres and fall protection.
- 12/97 Deposition in a HIOSH case Underground work and blasting operations.
- 6/96 Deposition in a civil, personal injury suit, regarding mercury exposure.
- 6/96 Participated in preparation for deposition in a civil, personal injury suit, regarding HIOSH and Federal fall protection standards.
- 6/96 Represented Honolulu Shipyard Inc., in the informal conference with the U.S. Dept of Labor, OSHA regarding their inspection.
- 1/95 Represented a Construction Company, in the informal conference with the State of Hawaii (HIOSH) informal conference regarding their inspection. The issues were related to hearing protection programs.
- 11/94 Testified in a civil hearing before the State of Hawaii Labor Board, in a Construction Company vs State of Hawaii (HIOSH), regarding severity of violations regarding hazardous materials.
- 8/94 Testified in a civil hearing before the State of Hawaii Labor Board, Welding Company vs State of Hawaii (HIOSH), regarding severity of

violations regarding fall protection and deck building.

- 2/93 Testified before the Guam Governor's Special Committee on OSHA activities.
- 5/92 Testified before the State of Hawaii, House Committee on Occupational Safety and Health violations and penalties, i.e., the sevenfold increase in penalties.
- 5/85 Deposition for the asbestos control program on behalf of the U.S. Dept of Navy, Pearl Harbor Naval Shipyard.