

Dr. Joseph DeMaria, Ph.D., CHCM, CSHM, CSE, MIIRSM

Skills Summary

- ◆ CFR-Title 29, Labor Regulations (**OSHA**)
- ◆ CFR-Title 40, Environmental Regulations (**EPA**)
- ◆ CFR Title 49, Transport Regulations (**DOT**)
- ◆ Fire & Electrical Standards and Codes (**NFPA/NEC**)
- ◆ Hazard Communication (HazCom) (**OSHA**)
- ◆ Hazardous Materials (HazMat) Program (**DOT**)
- ◆ Environmental Protection & Analysis (**EPA**)
- ◆ Americans with Disabilities Act (**ADA**)
- ◆ Safety & Health Training Requirements
- ◆ Facilities Utilization and Management
- ◆ Workers' Compensation & Claims Management
- ◆ Bloodborne Pathogens Requirements
- ◆ Facilities Construction Safety Oversight
- ◆ Joint Emergency Response Planning

Ancillary Safety and Health Training and Education

- ◆ Applied Ergonomics/Human Factors Seminar, 2001
- ◆ National Fire Protection Association - Life-Safety Code Course (latest revision), 2001
- ◆ Supervisor Training in Accident Reduction Techniques (START), 1999
- ◆ National Fire Protection Association - Electrical Safety Course, 1997
- ◆ National Fire Protection Association - Life-Safety Code Course, 1995
- ◆ Hazardous Waste Operations Course/Certification, 1995
- ◆ FAA Basic and Advanced Airport Safety Operations Course, 1994
- ◆ Permit-Required Confined Space Course, 1994
- ◆ Human Factor / Systems Safety Engineering Course, 1991
- ◆ Applied Hazards / Human Reliability Analysis Course, 1989
- ◆ OSHA Accident Investigation Course #202a, 1988
- ◆ Ground Safety Management Course, University of Washington, College of Engineering, 1987
- ◆ US Air Force Inspection Qualification School, 1986
- ◆ Architectural Blueprint Reading Course, City College of Chicago, 1984
- ◆ OSHA Electrical Standards Course #203, 1983
- ◆ OSHA Construction Standards Course #200, 1983

Professional Experience

TECHNOLOGY:

INVESTIGATIONS, INSPECTIONS AND REPORTS

Ensured compliance with state, federal and other recognized national safety consensus regulations, standards and codes. Performed comprehensive safety and health inspections and accident investigations at multiple work sites. Prepared inspection reports and monitored corrective actions until final resolutions were enacted. Created in-depth mishap investigation reports to ascertain root cause(s) to preclude recurrence.

COMMUNICATION:

REGULATORY COMPLIANCE

Wrote and administered corporate Workplace Safety and Health Programs and required hazard activity chapters. Developed computer generated safety inspection checklists for general and construction industries. Established Hazard Communication Programs and master Material Safety Data Sheet (MSDS) repositories. Coordinated required Emergency Action Plans with local city and county fire, police and medical response agencies.

INITIATIVES:

ABATEMENT ACTIONS AND TRAINING

Upon hire, initiated remedial actions to abate previously issued OSHA citations to preclude repeat violations. Reinforced weekly safety training, identified and documented other required OSHA training and certifications. Oversaw training and exercise scenarios for an array of emergency response and evacuation contingency plans.

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Employment History

April 1994 – Present:	Americana Safety Associates, Inc. – Las Vegas, Nevada (full/part-time) President, Principal Forensic Consultant
October 1999 – December 2000:	Community College of Southern Nevada - Las Vegas, Nevada Assistant Director, Safety and Security
October 1998 – October 1999:	Walter Construction (USA), Renton, Washington - Las Vegas, Nevada Safety Director
August 1996 – June 1998:	Bombard Electric - Las Vegas, Nevada Safety Director
November 1995 – February 1996:	Rio Suite Hotel and Casino - Las Vegas, Nevada Risk Manager
November 1975 - December 1995*:	United States Air Force – International Duty Stations Occupational Safety and Health Manager * (Terminal leave October - December 1995)

Key Accomplishments

- ◆ Selected to the United States Air Force Inspector General's staff as worldwide Safety and Health program manager, inspector and mishap investigator. Traveled internationally to inspect US Air Force base safety programs.
- ◆ Worked in concert with private contractors, such as: Boeing, Northrop and Lockheed Corporations, Massachusetts Institute of Technology, and the EG&G Special Projects Division for safety of national security projects.
- ◆ Provided reliable and pro-active hazard control risk analysis and assessments to federal government agencies, defense contractors and private industry corporations that were consistently on-target.
- ◆ Created innovative and practical solutions to complex fall protection and bridge erection issues, off-site pre-cast manufacturing operations and heavy truck shipments, ensuring state and federal OSHA/DOT compliance.
- ◆ Participated in four comprehensive OSHA inspections during construction of several major hotel and casino projects that netted zero citations and penalties. According to OSH officials, this was an unprecedented accomplishment.

Professional Affiliations

- ◆ National Safety Council – Active Member
- ◆ National Fire Protection Association – Active Member
- ◆ National Safety Management Society – Active Member
- ◆ American Society of Safety Engineers - Professional Member
- ◆ Board of Certified Hazard Control Management - Certified Hazard Control Manager (**CHCM**)
- ◆ Institute for Safety and Health Management - Certified Safety and Health Manager (**CSHM**)
- ◆ World Safety Organization - Certified Safety Executive (**CSE**)
- ◆ International Institute of Risk and Safety Management – Full Member (**MIIRSM**)

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Publications and Authored Programs

- ◆ Editor/Publisher - Monthly safety e-newsletter “*Safe-T-News*”, Americana Safety Associates, Inc., 2001
- ◆ Personal Protective Equipment – Volume 1, General Industry Activity Requirements, 2001
- ◆ Personal Protective Equipment – Volume 2, Construction Industry Activity Requirements, 2001
- ◆ Hearing Conservation Program, 2001
- ◆ Respiratory Protection Program, 2001
- ◆ Welding Safety Program, 2001
- ◆ Substance Abuse Program in the Workplace, 2001
- ◆ Concrete and Masonry Construction Safety, 2001
- ◆ Excavation and Trenching Program, 2000
- ◆ Fall Protection Work Plan Program, 1999
- ◆ Workplace Safety and Health Program Manual for General Industry, 1999
- ◆ Doctoral Dissertation - Human Factors, An Ideal Approach to Safety Engineering and Design, 1998
- ◆ Bloodborne Pathogens Program and Training Module, 1997, 2nd Ed. 2001
- ◆ Workplace Safety and Health Program Manual for Construction Industry, 1996, 2nd Ed. 1999
- ◆ Hazardous Communication Program, 1995, 2nd Ed. 1999
- ◆ Confined Space Entry Program, 1994, 2nd Ed. 2000
- ◆ Control of Hazardous Energy – Lockout/Tagout Program, 1994, 2nd Ed. 2000

Presentations

Community College of So. Nevada – Semester safety and security briefings to students and faculty, 1999-2000
Walter Construction Company – Weekly tailgate safety meetings for project construction workers, 1998-1999
Bombard Electric Company – Weekly tailgate safety meetings for project electricians, 1996-1998
Rio Suite Hotel and Casino – Weekly safety briefing for all new hires, and at-risk employees, 1995-1996
United States Air Force – Weekly newcomer and special task safety briefings, as necessary, 1981-1995

Government Security Clearances Held

- ◆ Top Secret (TS), 1990-1995
- ◆ Special Background Investigation (SBI), 1990-1995

Military Service

United States Air Force – Active Duty: November 4, 1975-December 31 1995, Retired: Honorable Discharge

Computer Skills

- ◆ Microsoft Word
- ◆ Microsoft Excel
- ◆ Microsoft Power Point
- ◆ Microsoft Access
- ◆ Microsoft Outlook

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Curriculum Vitae - Addendum

Nevada Construction Projects 1990-2000

Occupational safety and health initiatives where my expertise was instrumental in the safe construction and completion of the following construction projects in the State of Nevada.

1998-2000

Walter Construction Company (USA) Safety Director. Construction subcontractor for four concrete pre-cast segmental bridges at the US-95/I-15 interchange, known as the "Spaghetti Bowl." Each concrete segment, weighting an estimated 75 US tons, were pre-cast at an off-site industrial complex, and trucked to the project work sites. Segments were hoisted and joined into place without incident, utilizing a one-of-a-kind multi-radius articulated truss.

1996-1998

Bombard Electric Company Safety Director. Major electrical contractor (>800 electricians) responsible for the safe electrical design and construction of several major hotel and casino projects in Las Vegas, Nevada.

New construction projects:

New York-New York Hotel and Casino
Rio Suite Hotel and Casino - New hotel tower; casino; and convention center
MGM Grand Hotel and Casino – Convention center
Station Casinos – Sunset Station Hotel and Casino, Henderson, Nevada
Park Place Entertainment – Paris Hotel and Casino

Renovation construction projects :

MGM Grand Hotel and Casino – Las Vegas Blvd. main entrance and interior remodel, and exterior facades
Station Casinos – Boulder Station Hotel and Casino, interior remodel and parking garage addition
Station Casinos - Texas Station Hotel and Casino, interior remodel
Boyd Gaming Company - Main Street Station Hotel and Casino, total interior and exterior reconstruction

1990-1995

United States Air Force Safety Superintendent. Worked in close association with Reynolds Engineering and Electric Company (REECO), a subsidiary of EG&G Corporation, during design and construction phases of building projects on the Nevada Test Site (NTS).

New NTS construction projects:

Airfield runway and terminal facilities
Transportation, maintenance and industrial shops complex
Fire department - multi-function complex
Military and defense contractor office buildings

Renovation NTS construction projects:

Worker housing and messing facilities

Sports and recreation facilities

Excavation of Underground Storage Tanks (UST) and replacement with Aboveground Storage Tanks (AST).