

Daniel J. O'Connell, BSc. (HONS.) CSP, CHMM, CHCM, CHST, CIT, REA

Certified Safety Professional (CSP) registry #32751, Board of Certified Safety Professionals

Daniel O'Connell is a board certified environmental health and safety professional and regulatory consulting engineer with more than 25 years' experience in general industry, heavy civil construction and intermodal transportation. He is an internationally recognized expert on confined space safety, rescue, industrial hygiene sampling, and standards of care. Holding a graduate certificate from U.C. Santa Cruz, and BSc. (HONS.), Mr. O'Connell has published widely on the subject of acceptable risk in industry, construction, transportation, and confined space.

Daniel is regularly appointed to regulatory standards organizations to assist in the development of codes and standards, including the ANSI/ASSP Z117 Accreditation Standard Committee on Confined Spaces, National Fire Protection Association (NFPA) 241 ASC for Construction and Demolition, NFPA 350 Accreditation Standard Committee for Safe Confined Space Entry and Work, the ASSP Transportation Practice Specialty, and the FMCSA 49 CFR §172.704 Tank Truck Training and Facility Requirements.

Education

Graduate Certificate Safety and Health Management, University of California (UC)
Santa Cruz, 2006

Bachelor of Science (HONS.) Health and Safety, Columbia Southern University (CSU)
Orange Beach, Alabama, 2003

Professional Licensure and Board Certification

Certified Safety Professional (CSP) registry 32751, Board of Certified Safety Professionals
Certified Hazardous Materials Manager (CHMM) registry 15068, Institute of Hazmat Management
Certified Hazard Control Manager (CHCM) registry 3319 International Board of Safety Managers
California Registered Environmental Assessor (REA) registry 08265 Cal/EPA DTSC
Certified Instructional Trainer (CIT) Registry 13226, Board of Certified Safety Professionals
Construction Health & Safety Technologist (CHST) registry C1223 Board Certified Safety Pros.
California Commercial Driver (CDL Class A) current, Tank Vehicle, Multi Trailer, Hazmat
California Licensed Security Guard, (BSIS), Registry #G1754070 (current)
California State Fire Marshal Certified Hazardous Materials Technician
California State Fire Marshal Certified Confined Space Rescue Technician
ProBoard Certified Hazmat Technician & Responder

Professional Experience

Mr. O'Connell has 25 years as a safety principal, regulatory compliance manager, bilingual instructor (Spanish/English), emergency responder, advisor, and consultant to general industry, transportation, high-tech, and heavy construction operations. Transportation safety experience includes operations at maritime intermodal and trucking terminals, light rail, and major transportation hubs since 1985.

O'Connell construction duties include safety at residential sites, educational facilities, health care, underground, excavation and pipeline projects. Daniel was the lead safety consultant on six Santa Clara Valley Transportation Authority (VTA) Highway and Bridge Widening Projects (2001-2003); also served the San Francisco Trans-Bay Terminal Project in 2013. Mr. O'Connell is highly versed in applying the OSH Act of 1970, the standards, regulations, and policies of California CCR Subchapter 4. Construction Safety Orders (§1500-1962), and Article 14. Marine Terminal Operations (§3459). O'Connell is knowledgeable in the regulations pursuant to the Department of Transportation (DOT), the Federal Motor Carrier Safety Administration (FMCSA), Commercial Vehicle Safety Alliance (CVSA), and the U.S. DOT-Maritime Administration MARAD. O'Connell has significant hands-on (practical) experience as a commercial driver/operator, conducting daily vehicle/equipment safety inspections (pre-post shift), and maintenance duties per FMCSA-DOT, CHP, CVSA, and OSHA.

Mr. O'Connell is a qualified subject matter expert witness in state and federal court, having experience in over 100 OSHA and multiple maritime intermodal terminal inspections and associated consultations, serving defense and plaintiff counsel since 2011. Daniel is fluent in trial preparation relative to OSHA citations, serious injury and wrongful death, including incident investigation, injury management and regulatory oversight. O'Connell's experiential knowledge of contractual responsibilities of construction managers, general contractor, and subcontractors (multi-employer worksites), pursuant to safety and supervision of work methods and conditions. O'Connell specializes in construction project safety, intermodal container terminals, commercial motor vehicle (CMV) fleet operations, including operator/driver training and fitness for duty.

Appointments / Volunteering

Member ANSI/ASSE Z117 Confined Space Safety, accreditation standard committee

Member ANSI/ASSE Z15 Vehicle Safety, accreditation standard committee

Member American Society of Safety Professionals (ASSP) Transportation Practice Specialty

NFPA 350 Confined Space Safe Work Practices standard committee

US Coast Guard Auxiliary, Hazmat Specialist, Coast Guard Base Alameda

Member NFPA 241 Construction and Demolition safety standard committee

Member Community Emergency Response Team (CERT), Fremont Fire Department

Member FEMA Pre-Positioned Equipment Program (PEP), CBRNE support, all hazard events

Member Local Emergency Planning Committee (LEPC), Coastal Region II, hazmat consultant

Professional Affiliation

National Board on Fire Service Professional Qualifications(ProBoard)

American Society of Safety Professionals (ASSP)

National Safety Management Society (NSMS)

Board of Certified Safety Professionals (BCSP)

International Longshore & Warehouse Union (ILWU), Ret.

International Brotherhood of Teamsters (IBT), Ret.

United Brotherhood of Carpenters (UBC), Ret.

Employment History

2003 – Present, Principal Safety Engineer, SAFETRAN Site Safety Support Services, Fremont, CA

EH&S Consulting Engineer specializing in workplace safety and health for general industry, high-tech, transportation, and heavy civil construction. O'Connell's capabilities include proactive hazard identification, loss prevention, construction laser safety, EH&S management, hazardous materials management, workplace training, accident investigation, and regulatory consultation.

2003-2022 Ancillary Duties, Emergency Response Division Lead, CSRS Rescue, SF Bay Area

Chief Administrator for a professional team of fire service based technical rescue and emergency medical specialists (EMTs/Paramedics), serving as confined space rescue (standby) technicians, high-angle rope access, emergency medical support, and hazardous materials response to local government agencies and private firms.

2000-2003 Safety Superintendent (EH&S), Walters & Wolf Precast, (Architectural), Fremont CA

Prime Responsibilities: Journeyman Union Carpenter-Superintendent of Safety for leading union architectural precast manufacturer/installer. Scope: EH&S program development, crane safety, bilingual instruction, site inspections, safety meetings, weekly tailgates, work specific safety plans, hazard assessments, fire and life safety code audits, environmental auditing (air & water sampling), and interagency liaison (Fire Department, OSHA, EPA, BAAQMD). Responsible for proactive oversight and inspections of: Hazardous Materials Business Plan (HMBP), California Accidental Release Program (CAL-ARP), Underground Storage Tank (UST), Cal EPA SPCC, Hazardous waste generation, and onsite hazardous waste treatment (tiered permit). Duties included, departmental safety oversight of commercial vehicle maintenance/repair shops, precast production & welding shops, aggregate batch plant, sand blasting, hoisting equipment, PIT, cranes, tractors, industrial hygiene, confined space, lockout tagout, hazard control, and new hire orientation (bilingual).

1999-2000 Construction Safety Inspector, Lawrence Livermore National Lab, Livermore, CA (Nielson Dillingham Builders Inc.)

Responsibilities: Coordinate daily safety huddle for all construction trades, administer the behavior based safety program (DuPont Stop Program), ensure compliance with LLNL safety, general contractor, and Federal OSHA regulations, oversee incoming contractor site specific safety plans, conduct safety and environmental inspections of active workzones. Specialists and trades included carpenters, hvac-steamfitters, plumbers, roofers, electricians, and materials handling operators (crane, truck, aerial lift, forklift, manlift).

1999 Safety Technician, Enviro Safetech, San Jose, CA

Responsibilities: safety training (bilingual), construction workplace inspection, client EH&S services, building MSDS chemical inventory, and respiratory protection fit testing.

1997-1999 Union Carpenter / Safety Coordinator, Monterey Bay / SF Bay California

Responsibilities: onsite safety training, jobsite inspection, recordkeeping, PPE, injury reports, general supervisory duties, standard formwork and finish carpentry.

1986-1997 Construction Teamster (Local 150), Equipment Operator, Central Valley / Bay Areas CA

Construction Trucking (Class 7-8 trucks) transport, import/export of aggregates, hot mix asphalt, mobile equipment operation, heavy implements, building materials, and road oil for highway construction; vehicle inspection & maintenance duties. Union Teamster serving Caltrans-Federal Highway Projects.

1985-1986 Longshoreman / Warehouseman (ILWU-Local 17) RGA Port of West Sacramento, CA

Work Scope: Powered Industrial Truck (PIT) Operator, Tractor-Trailer, Chassis-Bomb Cart, Intermodal Container Loading/Unloading, Shuttle (UTR) Driver, vehicle inspection & maintenance.

1983-1985 Truck Crane Operator, Fisher Construction, Roseville, CA

Roof Truss Manufacturing, Peterbilt 1978 Tri-Axle Tractor / Flatbed with mounted truck crane, construction site delivery, rigging, hoisting, vehicle inspection and maintenance, Class A CDL Driver-Truck Crane Operator.

Publications-Presentations and Seminars

Jostling Injury to Truck Driver Investigation, Port Safety Services, LinkedIn, O'Connell, D.J., 2024

<https://www.linkedin.com/feed/update/urn:li:activity:7229606759278002178/>

Cargo Tank Motor Vehicle, Confined Space Safety, Professional Safety Journal, American Society of Safety Professionals, O'Connell, D., 2018, <https://onepetro.org/PS/issue/63/06>

Cal/OSHA Construction Update, Silica Standard, Final Rule, O'Connell, D., Irish Herald, San Francisco 2016

Cal/OSHA Construction Update, Fix Accountability For Construction Accidents, O'Connell, D., Irish Herald, San Francisco 2016

Cal/OSHA Construction Update, New Confined Spaces in Construction Standard, O'Connell, D., Irish Herald, San Francisco 2016

Cal/OSHA Construction Update, 13 Proven Steps to Improve Construction Worker Safety, O'Connell, D., Irish Herald, San Francisco 2016

Cal/OSHA Construction Update, New Confined Space Construction Standard, O'Connell, D., Irish Herald, San Francisco 2016

Cal/OSHA Construction Update, Top Ten OSHA Violations & Prevention Tips, O'Connell, D., Irish Herald, San Francisco 2016

Cal/OSHA Construction Update, Approved Safety & Health Standards, Part II, O'Connell, D., Irish Herald, San Francisco 2016

Crime Scene Rescue and Emergency Response, Forensic Magazine, O'Connell, D., 2016

Cal/OSHA Construction Update, Approved Safety & Health Standards, Part 1, O'Connell, D., Irish Herald, San Francisco 2015

Cal/OSHA Construction Update, Consequences of OSHA Non-Compliance, O'Connell, D., Irish Herald, San Francisco 2015

Hidden Hazards of Confined Space, United Contractors Magazine, O'Connell, D., 2015, (UCON).

Roofing Construction Toxicity and Flammability Hazards, O'Connell, D., TASA, 2014

California Responder Leads the Way in Technical Rescue, O'Connell, D., Fire Engineering, 2014

Open Roof Holes and Roofing Injury Prevention, O'Connell, D., TASA, 2014

Confined Space Lessons Learned, O'Connell, D., Industrial Safety and Hygiene News, 2012

Safe Handling of Flammable Liquids on the Construction Site, O'Connell, D., Roofing Contractor Safety Emphasis Program, 2010

El Manejo Seguro de los Líquidos Inflamables en el Área de Construcción, O'Connell, D., Roofing Contractor Safety Emphasis Program, 2010

Burn Prevention and Protection, O'Connell, D., Roofing Contractor Safety Emphasis Program, 2010

Prevención y Protección de Quemaduras, O'Connell, D., Roofing Contractor Safety Emphasis Program, 2010

Electrical Safety for Roofers, O'Connell, D., Roofing Contractor Safety Emphasis Program, 2010

Seguridad Eléctrica para los Techeros, O'Connell, D., Roofing Contractor Safety Emphasis Program, 2010

Preventing Lead Exposure, O'Connell, D., Roofing Contractor Safety Emphasis Program, 2010

The Competent Person Can Prevent the Next Construction Disaster, O'Connell, D., Irish Herald, 2005

So You Want To Dispute an "Unjust" OSHA Citation? O'Connell, D., Irish Herald, San Francisco 2005

Basic Jobsite Safety Requirements For Construction (California), O'Connell, D., Irish Herald, 2005

The Language of Safety, O'Connell, D., Irish Herald, San Francisco 2005

Construction Site Safety, Cal/OSHA Consultation Options, O'Connell, D., Irish Herald, San Francisco 2005

Preventing Ladder Accidents, O'Connell, D., EH&S Lessons Learned, 2001 (SAFETRAN)

Reducing Serious Accidents When Working With Edge Stacked Materials, EH&S Lessons Learned, 2001 (SAFETRAN)

Preventing Forklift Hoisting Accidents, O'Connell, D., EH&S Lessons Learned, 2001 (SAFETRAN)

Reducing Trailer Loading Accidents, O'Connell, D., EH&S Lessons Learned, 2001 (SAFETRAN)

Unrecognized Confined Space Hazards, presentation to the American Society of Safety Professionals, San Jose, CA., O'Connell, D, 2019

Cargo Tank Motor Vehicle, Confined Space Safety, Safety 2018, O'Connell, D., presentation before the American Society of Safety Professionals (ASSP), Professional Development Conference in San Antonio, Texas, "Safety 2018"

Cal/OSHA Confined Space Standard for Construction (CCR Title 8, 1950), O'Connell, D., presented to the Construction Employers Association Safety Forum, Hilton Hotel, Concord, CA 2015. *Roofing Construction Safety and Health Hazards*, O'Connell, D., (live) webinar presentation, TASA, 2016. *Construction Hazmat and SDS Chemical Inventory*, O'Connell, D., Seminar for Continuing Challenge Hazmat Conference, Sacramento, CA, 2015.

Rescue 101, Critical Factors for Technical Rescue, O'Connell, D., presentation before PASMA-ASSE, Mission College, Santa Clara, CA, 2012.

Effective Construction Safety Management(CSM), Benefits of Implementation, O'Connell, D., UCSF Medical Center, 2011.

Highway Work Zone Safety, Joint Meeting of ASSE-PASMA, Oakland, CA, O'Connell, D., 2009.