



## **Critical Construction Consultation**

Roger H. Hanson, CSHO

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281-639-8578

### **Years of Experience: 45 plus years**

#### **Summary**

Mr. Hanson has more than forty-five years of management, safety and leadership experience in the military, automotive and construction industries. He has developed his skills as a leader, manager and trainer to create safe working environments for his colleagues and clients. Along with consulting and training on workplace safety Mr. Hanson has also developed safety procedures and policies for several firms. In conjunction with his work for Critical Safety Analysis, LLC and Service Safety, he served as Consulting Safety Director for several Houston-area construction companies. Mr. Hanson was an adjunct instructor at Texas A&M University's Texas Engineering Extension (TEEX) for two years and during that time he served as Subject Matter Expert in the development of the Student Participation Manual for the Fall Prevention/Protection course (OSH 311).

#### **Certifications**

Certified Safety and Health Official™ (CSHO) A&M TEEX  
OSHA 10 Hour  
OSHA 30 Hour  
OSHA 510 TEEX  
OSHA 500 TEEX  
Train the Trainer Ahern Operator Trainer (Scissor lifts – Boom lifts – Forklifts)  
Train the Trainer Scaffold Training Institute  
Train the Trainer Scaffold Safety TEEX  
Train the Trainer BETCO Scaffold  
Train the Trainer Respiratory Protection TEEX  
Accident Investigation TEEX  
Electrical Systems and Standards TEEX  
Medic First Aid and CPR Instructor TEEX  
Train the Trainer Fall Arrest Systems TEEX  
Train the Trainer Trenching and Excavation TEEX  
Train the Trainer Permit Required Confined Space TEEX  
Train the Trainer Machine Guarding TEEX  
Train the Trainer Hydrogen Sulfide (H<sub>2</sub>S) TEEX  
Introduction to Oil and Gas TEEX  
Environmental Regulation for Oil and Gas Exploration and Production TEEX

## Critical Construction Consultation



### Case Experience

**Expert Witness:** Oil Field Safety, Crane Safety, Rigging and Signaling,  
Cause No. B192-633 District Court – Jefferson County, Texas

**Expert Witness:** Construction Safety, Fall Protection  
Cause No. 37360 223<sup>rd</sup> District Court – Gray County, Texas

**Expert Witness:** Construction Safety, Motorized Manlift Safety  
Cause No. 67795-A Smith County, Texas

**Expert Witness:** Construction Safety, Concrete Pumping  
Cause No. DC-17-10426 284<sup>th</sup> JUDICIAL DISTRICT

**Expert Witness:** Ladder Safety  
Cause No. CV23-0767 415<sup>th</sup> Judicial Court

**Expert Witness:** Electrical Injury  
Cause No. 10945 40<sup>th</sup> Judicial District Court

**Expert Witness:** Scaffold Incident  
Cause No. 24-940965 352<sup>nd</sup> Judicial District Court

**Expert Witness:** Roof and Fixed Ladder Safety  
Cause No. 2183CV00742 Plymouth Mass Superior Court

#### **(Active Cases)**

**Expert Witness:** Material Handling  
Cause No. D-1-GN-23-001292 261<sup>st</sup> District Judicial Court

**Expert Witness:** Roof and Fixed Ladder Safety  
Cause No. 2024-C1-02942 57<sup>th</sup> Judicial Court

**Expert Witness:** Walking/Working Surface Failure  
Cause No. D-1329-CV-2023-01471 13<sup>th</sup> Judicial Court State of New Mexico

**Expert Witness:** Fall from Elevation  
Cause No. CC-23-01924-D County Court at Law #4 – Dallas County, Texas

**Expert Witness:** Fall from Elevation, Working Surface Failure  
Cause No. 048-352539-24 District Court – Tarrant County, Texas

**Expert Witness:** Slip/Fall  
Cause No. JWA No. 3629-A 2024 Judicial Workplace Arbitration

**Expert Witness:** Struck by Falling Object  
Cause No. 2022-CL-01186

**Expert Witness:** Fall from Elevation, Fall Protection  
Cause No. CC-23-06897-A County Court at Law #1 – Dallas County, Texas

**Consultant:** Struck-by/Caught-in or between  
Cause No. D21-3077 31<sup>st</sup> Judicial District – Jefferson Davis Parish, Louisiana

# Critical Construction Consultation



## Work Experience

### *Critical Construction Consultation*

2024-Present

Expert Witness/Consultant

### *Christensen Building Group*

2023-2024

Senior Safety Manager – Commercial Division

2017-2023

Senior Safety Manager/Trainer – Industrial Division

### *BETCO Scaffold*

2015-2017

Safety Representative

### *Texas A&M TEEX*

2013-2015

Adjunct Instructor

### *Critical Safety Analysis*

2013-2020

CFR-1926 Subject Matter Expert

Consultant Safety Director

- *R. B. Hash & Associates*
- *Vernon Masonry*
- *Metro Erectors*
- *Gulf Coast Erectors*

### *Service Safety*

2009-2013

Construction Safety Consultant/Training Instructor

### *MSD Building Corporation*

2007-2013

Safety Director

## Military Service

### *United States Air Force*

1971-1974

Electrical Technician C-130's

Honorably Discharged

Rank: Sergeant

# Critical Construction Consultation



## Education

*Pasadena High School*

Graduated 1970

*University of Houston*

Technical & Industrial Program 1988

Curriculum Development (12 hours)

*Texas A&M University TEEX*

CSHO 2013

## Subject Matter Expert

Student Participation Manual for Fall Prevention/Protection (Course OSH 311)

TEEX Texas A&M University Systems 2013

## Courses Instructed

OSHA 10 Hour

OSHA 30 Hour

Focus Four

(Fall protection, electrical, struck-by, caught in – or- between)

Forklift operation

Crane Safety

Rigging Safety

Signaling

Stairway and Ladder Safety

Fall Protection Safety and Systems

Electrical Systems and Safety (lock-out/tag-out)

Scaffold Safety

Scaffold Inspection

Scaffold Construction

Suspended Scaffold Installation Safety

Material Handling Safety

Fire Prevention/Protection

Roll Over/Overhead Protection

Hand/Power/Powder-Actuated Tool Safety

Signs, Signals, Barricades, Traffic Control

Personal Protective Equipment

H2S Safety

Respiratory Safety

Permit Confined Space

Trenching/Excavation Safety

First Aid CPR AED

DOT HOS Log and Vehicle Safety