

**LONNIE DAVIDSON, CSM-WSO**

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**ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT**

- Accomplished manager with 15+ years of experience as Environmental, Health & Safety specialist for industry leading organizations. Maintain highest quality to avoid time and cost expenditures.
- Safety specialist with the ability to analyze operations, pinpoint areas for improvement and implement plans that generate profitable results.
- My credentials include the following certifications:
  - World Safety Organization-Certified Safety Manager
  - Mine Safety Health Administration (MSHA-Federal)
  - Mine Engineering Safety Administration
  - State of Illinois Department of Mines and Minerals.
- My professional memberships include the American Society of Safety Engineers (ASSE) and the National Fire Protection Association (NFPA).

**KEY SKILLS:**

Employee Safety Measures  
Cost Reduction/Avoidance  
Resource Optimization  
Regulatory Compliance

Safety Evaluation/Audit  
Materials/Chemical Storage  
Environmental Protection  
Documentation/Recordkeeping

Staff Training & Monitoring  
Inventory Control  
Loss Prevention  
Waste Production/Disposal

**PROFESSIONAL EXPERIENCE**

Al-Hoty Company Ltd.  
Saudi Arabia

2001 - 2009

**SAFETY ADVISOR**

PETRO-Rabigh Refinery/Chemical Development Project

Project Cost: \$4.6 B.

Pre-commissioning of PETRO-Rabigh Development Project

Advised EPCM contractor on HSE operational guidelines and procedures for plant start-up

Assigned multiple (3) Offsite Facilities & Utilities construction Infrastructure packages

Consisting of three (3) explosion control rooms, Water – Steam – Air – Electrical generation plant, On-Site

Medical Facility, Helicopter-Pad, Waster-Water Sewage Treatment facility, Fire Suppression Systems, and five

(5) new construction Cooling Towers

**SAFETY SUPERINTENDENT**

PETRO-Rabigh Refinery/Chemical Development Project

Management Core Team/Sumitomo-Saudi Aramco JV

Project Cost: \$4.6 B.

Assigned One (1) EPCM contractor & (2) EPC contractors w/10 sub-contractors for new and rehab construction at existing Saudi Aramco Refinery / Chemical Plant for three (3) Offsite Facilities & Utilities construction

Infrastructure packages consisting of three (3) explosion control rooms, Water – Steam – Air – Electrical

generation plant, On-Site Medical Facility, Helicopter-Pad, Waster-Water Sewage Treatment facility, Fire

Suppression Systems, and five (5) new Cooling Towers

Lead weekly project HSE safety managers committee meetings

**SAFETY SUPERINTENDENT**

Project Costs: \$1.6 B.

Saudi Aramco Yanbu Refinery

Diesel Hydro-Treating Complex Project consisting of 5 process units

Oversaw safety compliance of Saudi Aramco HSE Loss Prevention Program for explosion proof control rooms, electrical switch gear buildings, fire protection systems for all facility structures, material & chemical storage buildings, administrative offices, and all access/egress roadways.

Advised and audited EPC contractor for implementation and compliance in the following areas:

Weekly safety managers walk around & review meetings, assisted EPC safety manager in development of JSA's (job safety analysis), crane lifting plans, LOTO (lock out/tag out procedures), emergency response plan, site orientation training, hazard identification plan, scaffolding plans, working at heights (fall protection), excavation safety, confined space entry, PTW (Permit to Work)

**SAFETY SUPERINTENDENT**

Project Costs: \$450 M.

Saudi Aramco Southern Area Pipeline Department

Haradh Gas Plant Project – 550 km 18" to 56" NGP

Administered and assisted contractor in compliance of Saudi Aramco's HSE Loss Prevention Program: Lead HSE safety committee, Conducted Safety Audits, Inspections, Incident Investigations, PTW (Permit to Work), Hazard Identification Plan, Confined Space Entry Procedures, LOTO (lock out/tag out procedures), Job Safety Analysis (JSA), Waste Management Plan, Crane Lift Plan, Emergency Response Plan, Scaffolding Standards, Site Orientation Training, and Environmental programs.

2001- 2001

**SAFETY ADVISOR**

Project Costs: \$1.2 B.

Universal Cayman Inc., Beijing &amp; Shanghai, China

Petro China - West East Pipeline Project – 4,000 Km. 40" NGP

Advised in the development of client HSE Loss Prevention Program, Risk Assessment/Hazard Identification, Waste Management, and Emergency Response Plans, HAZ-COM Program, Work Permitting, Excavation Safety, Scaffolding Standards, Confined Space Entry Procedures, Lock Out/Tag Out Procedures (LOTO), Hydro-Testing, Lift Plan, and Environmental Plan.

2000 - 2001

**SAFETY ADVISOR**

B M H Eagleton, La Porte, Texas

DOW Chemical - LAVACA 2000 North Project 56 miles of 30" NGP

Administered and assisted in compliance of client HSE Program: Lead Onsite Orientation Training, Conducted Safety Inspections, Incident Investigations, HAZ-COM Program, Excavation Safety Plan, Confined Space Entry Procedures, Lock Out/Tag Out Procedures (LOTO), Crane Lift Plan, Emergency Response Plan, Personal Protective Equipment (PPE) Requirements, and Abrasive Blasting/Coating Plan. Documented progress using digital imaging and photo cataloging.

1999 - 2000

**SAFETY ADVISOR**

Universal EnSCO, Inc., North Dakota, Minnesota, Iowa, &amp; Illinois

Alliance Pipeline Project and Compressor Stations–500 miles 36" NGP

Developed "Contractor Qualifications" for construction, Composed "Evaluation Procedures" for "Reward of Contract" for new construction/re-pair of existing gas lines

Advised in the development of client HSE Loss Prevention Program, Risk Assessment/

Hazard Identification Plan, Waste Management Plan, Emergency Response Plan, HAZ-COM Program, Work Permit Plan, Excavation Safety Plan, Scaffolding Standards, Confined Space Entry Procedures, Lock Out/Tag Out Procedures (LOTO), Hydro-Testing Plan, Crane Lift Plan, and Environmental Plan. Documented progress using digital imaging and photo cataloging.

1998 - 1999

**SAFETY ADVISOR**

Third Party Resources, Mississippi & Louisiana

Belle Rose NGP 120 miles 18" pipe - Line Fill/Commissioning Start-Up

Daily management of HSE program, Documentation of pipeline safety procedures, and conducted safety inspection for new NGP construction

1996 - 1998

**SAFETY INSPECTOR**

Cleveland Inspection Service, Los Angeles, California

ARCO – Pacific Natural Gas Pipeline - 115 miles 30" NGP

Managed client HSE Program, Monitored contractor work activity for cleaning/reconditioning above ground crude oil storage tanks and LPG spheroid tanks, Conducted Site Orientation Training, Conducted Safety Inspections for renovation of existing/new NGP, Incident Investigations, and Documentation of pipeline safety procedures

**EDUCATION:**

BACHELOR OF SCIENCE DEGREE – 1974 Eastern Illinois University

CERTIFIED SAFETY MANAGER - World Safety Organization - Certification # 1181

World Safety Organization - Membership # 017079

American Society of Safety Engineers - Membership # 22425

National Fire Protection Association - Membership # 1018653

**TRAINING:**

OSHO – Lead by Example- Senior Management Seminar

BBS – Behavioral Based Safety:

Methods of Accident Prevention

Employee Assessment Management of Self Directed Work Teams

Excavation / Trench Safety

OSHA - Hazwoper Site Worker 40 hr. & Refresher Course / HAZCOM

Emergency Response (First Responder)

RCRA/OSHA - Hazardous Waste Handling 40 hr.

CPR, First Aid, Patient Triage

Advanced Safety Auditor

UNDERGROUND MINING - Zeigler Coal Co. – Murdock, IL (1976-1987):

MSHA (Mine Safety Health Administration)

Principles of Accident Prevention

Principles of Roof & Rib Control

Principals of Mine Rescue

Mine Emergency Training

Coal Mine Health and Safety Act - Part 75

Permissible Mining Machinery

Use and Care of Self Rescuer

Fundamentals of Accident Prevention

Electrical Methane Spotter/Fire Prevention and Control

Electrical Qualification Training – Underground

MESA (Mine Engineering Safety Administration)

State of IL. Miners Examining Board # 14584

State of IL. Mine Manager # 6019

State of IL. First Aid & Mine Rescues # 149826

State of IL. Mine Examiners # 8803

State of IL. Shot Fire-Explosive/Blasting Papers #35

State of IL. Coal Mine Ventilation

## MILITARY ACHIEVEMENTS:

USAF-Para-Rescueman – 89 missions / 37 air rescues

Trained Airborne Medic – administer intravenous injections, secondary suturing, first aid, & triage

Certified Diver – US Navy Underwater Swim School – Key West, Florida

Trained Survival Specialist – all types of climate and terrain

Army Parachute School – Ft. Benning, Georgia

Army Ranger Mountain Climbing School – Dahlonega, Georgia

USAF Honorably Discharged Veteran

## MEDALS:

2 Distinguished Flying Cross Medals

2 Air Medals

1 Viet Nam Service Commendation

8 Citation Awards Kaman Aircraft Corporation