

# Safety and Occupational Health Hazard Recognition, Requirements, and Initiatives

Gregory Vernon, ASP, MS

Interim Chief, Safety and Occupational  
Health Office

Galveston District

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US Army Corps of Engineers  
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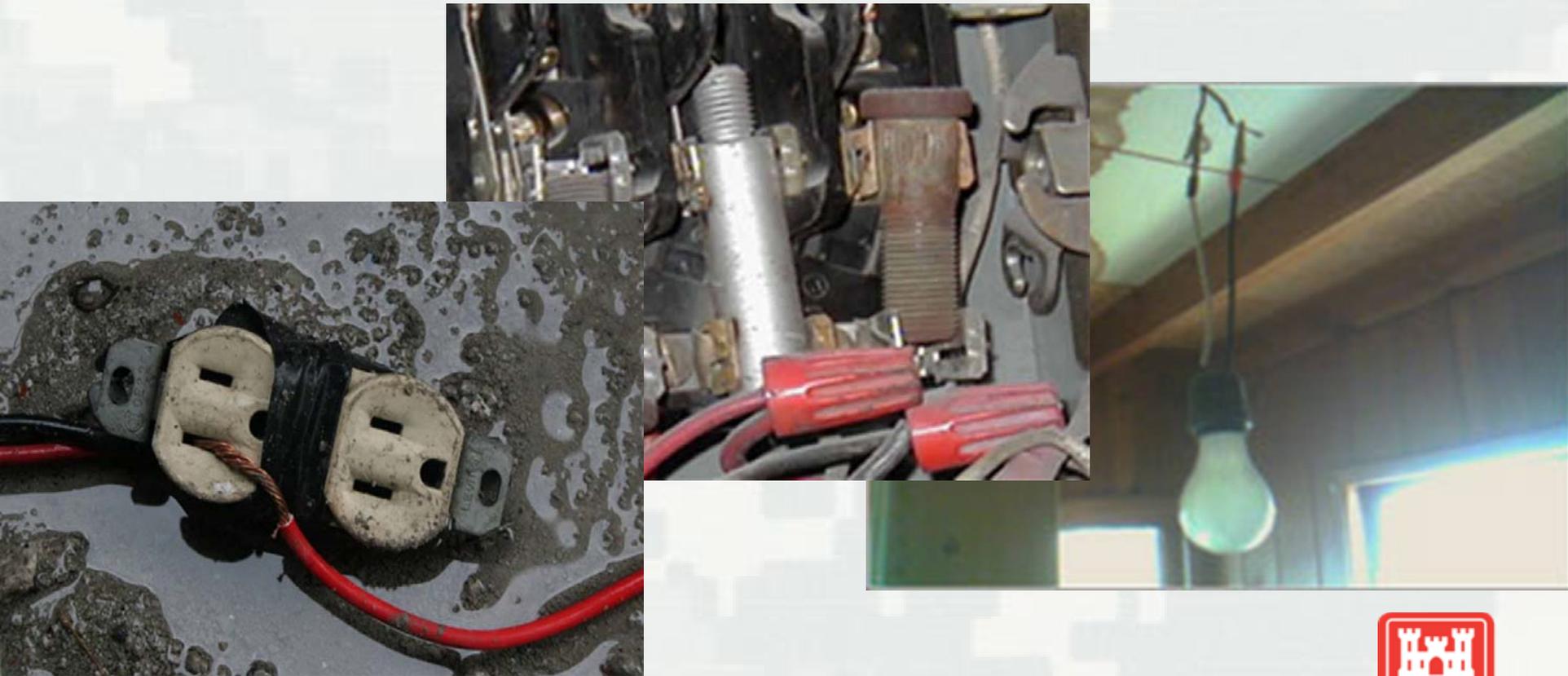
# Hazard Recognition

Recognizing a condition or behavior that could cause harm



# OSHA Violations

## Electrical Systems Design



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# OSHA Violations

## Machines and Machine Guarding



# OSHA Violations

## Ladders



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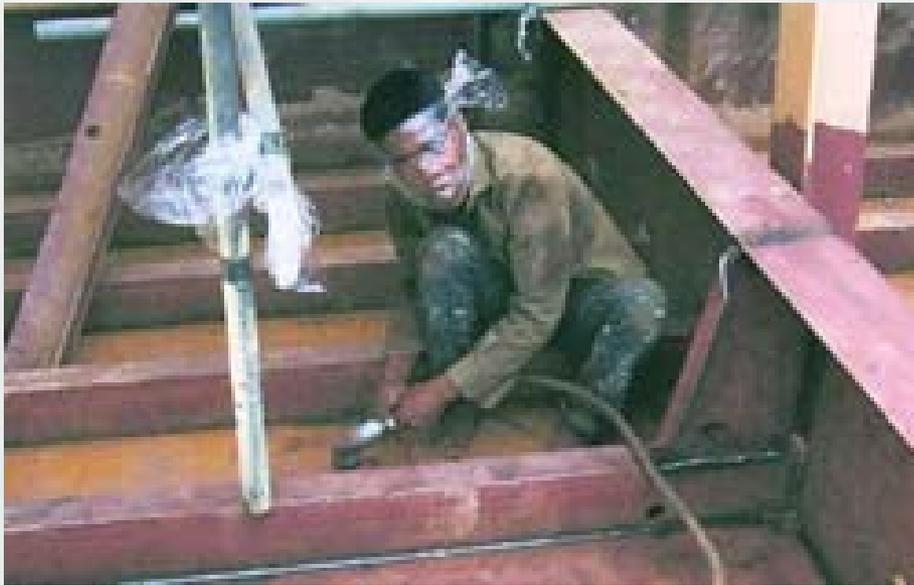
# OSHA Violations

## Powered Industrial Trucks



# OSHA Violations

## Respiratory Protection

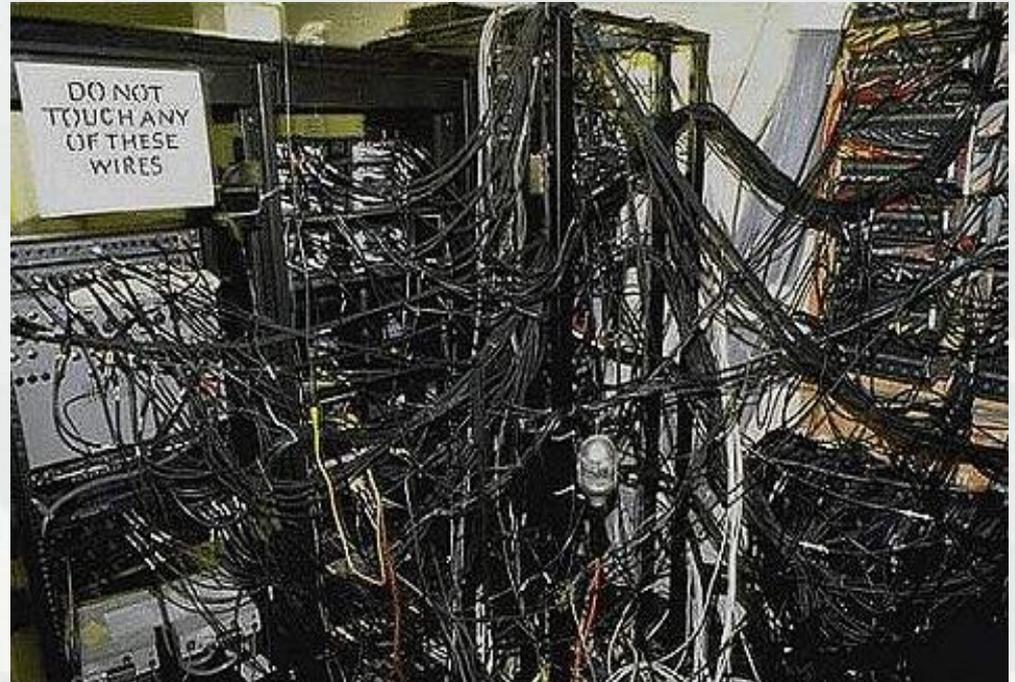


# OSHA Violations

## Lockout/Tagout



The Good



The Bad and the Ugly



# OSHA Violations

## Hazard Communication



# OSHA Violations

## Fall Protection



# OSHA Violations

## Scaffolding



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# Requirements



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# EM 385-1-1 New Requirements

## *Program Management*

- 01.A.17 Site Safety and Health Officer (SSHO). The Contractor shall employ a minimum of one Competent Person at each project site to function as the SSHO, depending on job complexity, size and any other pertinent factors.
- The SSHO shall be a full-time responsibility unless specified differently in the contract. The SSHO shall report to a senior project (or corporate) official.



# EM 385-1-1 New Requirements

## *Program Management*

- The SSHO (s), as a minimum, must have completed the 30-hour OSHA Construction safety class or as an equivalent, 30 hours of formal construction safety and health training covering the subjects of the OSHA 30-hour course (see Appendix A, paragraph 4.b) applicable to the work to be performed and given by qualified instructors.
- The SSHO is also required to have five (5) years of construction industry safety experience or three (3) years if he possesses a CSP or safety and health degree.



# EM 385-1-1 New Requirements

## *Program Management*

- 01.A.11 Accident Prevention Plans now allows:
  - For limited scope supply, service and R&D contracts, an abbreviated APP may be allowed by the Contracting Officer and local SOHO. See Appendix A, paragraph 11 for details.
  - Updates to the APP shall be reviewed and approved by the GDA.



# EM 385-1-1 New Requirements

## *Program Management*

- Unified Facilities Guide Specification (UFGS) for Safety and Health (currently 01 35 26) shall be used in all USACE contract work and those contracts administered on behalf of the USACE under the provisions of FAR Clause 52.236-13



# Initiatives



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# Initiatives

- Development of a Safety Management System (SMS)
  - Continued improvement to the USACE safety culture and processes
  - USACE mission executed with excellence to safely deliver the Chief of Engineer's goals and priorities to our communities of customers and stakeholders
    - ***Superior Performance – Every Time***
    - ***Set the standard for your profession***
    - ***Make a distinctive and positive impact for your nation***
      - ***Build it to last***



- SMS Elements

- Ownership: Management Leadership & Employee Involvement

- Awareness, Responsibility, and Accountability*

- Worksite Analysis

- Hazard ID, Accident Reporting, Investigation, and Analysis*

- Hazard Control & Prevention

- Reduction of accidents, System Safety, Proper Staffing*

- Training and Mentoring

- Proper Indoctrination, Professional Certification*



# USACE Safety and Occupational Health Web Page

*[http://usace.army.mil/CESO/Pages/  
Home.aspx](http://usace.army.mil/CESO/Pages/Home.aspx)*

