Safety Improvements to Existing Equipment and Safety Promotion Journey

Health, Safety and Security Coordinator
Jeremy Klingbeil
Son, Next Time I'll Be William Tell
Texas utility worker in over his head fixing a water main break
WHY? Legally

Wisconsin Department of Safety and Professional Services

SPS 332.15 OSHA Safety and health standards.
Except as provided in s. SPS 332.16 and subch. IV, all places of employment and public buildings of a public employer shall comply with the federal Occupational Safety and Health Administration (OSHA) requirements adopted under s. SPS 332.50.

SPS 332.50 Incorporation of standards by reference.
The standards listed in the following table are hereby incorporated by reference into this chapter under the authority provided in s. 101.055 (3) (a), Stats. Note: Copies of the adopted standards are available through the sources listed in the table.

Table 332.50
Occupational Safety and Health Administration (OSHA)
U. S. Government Printing Office
732 N. Capitol Street, NW
Washington, DC 20401
Telephone: 866/512–1800
Online Bookstore: http://bookstore.gpo.gov

History: Cr. Register, February, 1999, No. 518, eff. 3–1–99; am. Table 32.50–1, r. and recr. 32.50–2, Register, June, 2000, No. 534, eff. 7–1–00; CR 01–
Public Sector Safety Top Violations

• 1910.1200(e)(1) – Hazard Communications
• 1910.178(l)(1)(i) – Powered Industrial Truck
• 1910.147(c)(1) – Energy Control Program
• 1910.132(d)(1) – PPE Assessment
• 1910.134(c) – Respiratory Protection
• 1910.146(c)(1) – Confined Spaces
• 1910.212(a)(3)(ii) – Machine Guarding
• 1910.22(a)(1) – House Keeping
• 1910.25(d)(1)(x) – Defective Ladder

http://dsps.wi.gov/Programs/Industry-Services/Industry-Services-Programs/Public-Sector-Employee-Safety/
WHY? Personally
EBS Lift Stations

Challenges
Time
Cost
Weight
Design
Height
EBS Lift Station

Benefits

- Reduction of Fall Potential
- Increased Rescue Opportunity
- Weight
- Design
Who approved this mask?
BILCO Hatch / Meter Station 22

- NFPA 820
  - Standard for Fire Protection in Wastewater Treatment and Collection Facilities 2012 Edition

- Guard Rails
East River Lift Station

Confined Space Upgrade
De Pere Pump Station Sampling

Piston
Inline
Pressurized
Sampler
De Pere Washer Compactor

Maintenance Issues
De Pere Man Down
Headworks

Head Works LOTO

Multiple Energy Locations
Basin Ladders
Rag Ball Removal
Backing Safety
Required Safety Goal
Safety Improvement Project
Monthly Safety Training

**Required**
- LOTO
- Confined Space
- Fire Extinguisher
- Evacuations
- Injury Protocol
- PPE
- Respiratory Overview
- Powered Industrial Truck Overview
- Security
- Lead / Asbestos / Mercury
- Spill Prevention

**Specialized**
- CPR / AED / First Aid
- Respiratory
- Defensive Driving
- MUTCD
- Arch Flash
- Slings / Lifting
ALERT
LOCKDOWN
INFORM
COUNTER
EVACUATE

7-8 MINUTES
IF A JOB IS UNSAFE TO DO, THEN IDENTIFY WAYS TO PERFORM IT SAFELY OR DON'T DO IT!
Manual on Uniform Traffic Control Devices

East Bay Shore Lift Station #11
Work Zone Safety Procedure

< 60 Minutes

All signs and cones may be omitted if a vehicle with activated high intensity lights are used “Strobe Lights and Light Bar”.

> 60 Minutes

Road Work Ahead sign – 250’ On Each Street
Taper – 3 Cones at 35’ Apart
Buffer – 3 Cones at 60’ Apart
Decision Driving Techniques
Communication Radio
SAFETY
Promote. Protect. Prevent