







Principles of Safety

- Economic
 - worker compensation
 - medical bills
 - abatement costs
 - equipment damage
 - OSHA fines
 - loss of productivity

Principles of Safety

- Legal
 - OSHA regulations and fines
 - Worker compensation laws
 - Third party lawsuits
 - General liability

Principles of Safety

- Moral Issues
 - Safety is just the right thing to do for your employees

Principles of Safety

- What to do
 - The best thing to do is to recognize and control hazards before they ever impact your business.

Principles of Safety

- Two types of common hazards
 - 1. Physical hazards
 - 2. Industrial Hygiene hazards

Principles of Safety

- Physical Hazards
 - electrical defects
 - crane and lift truck operation
 - welding equipment
 - ladder use

Principles of Safety

- Industrial Hygiene
 - silica exposure
 - chemical exposure
 - noise exposure
 - temperature extremes

Principles of Safety

- Hazard Control
 - Three techniques
 - 1. Engineering controls
 - 2. Personal Protective Equipment (PPE)
 - 3. Administrative controls

Principles of Safety

- Engineering
 - are the most effective
 - they absolutely control or remove the hazards from an operation

Principles of Safety

- Personal Protective Equipment (PPE)
 - can be very effective, but you must count on the employee to properly use the equipment

Principles of Safety

- Administrative Controls
 - these are the paper programs that are usually used to dictate a procedure that must be followed or the amount of time and severity an employee may be exposed to a hazard

Principles of Safety

- Administrative Controls
 - Some Necessary Safety Programs
 - 1. Hazard Communication
 - 2. Confined Space Entry
 - 3. Lift Truck Operation
 - 4. Lockout/Tagout

Principles of Safety

- Where to get help
 - NPCA
 - Insurance Company
 - State OSHA consultation programs
 - OSHA
