



OSHA

# Hoover Dam

- Broke ground 1931
- Completed 1936
- 4 Year Project
- Number of fatalities:
  - 96



# City Center

- Broke ground 2006
- "Completed" 2009
- Number of fatalities:
  - 6
- Builder trade unions eventually went on strike. Called the project "CityCemetery"



# What is OSHA?

- Occupational Safety and Health Administration
  - US Department Of Labor
- Founded in 1970
  - 14,000 worker deaths that year alone
- 53 year later (2023)
  - Workforce doubled
  - Only 5,190 deaths
- **29 CFR 1926**
- Chapter 11



# What is UOSH?

- States may create their own workplace safety plans **so long as they are as effective as OSHA** in protecting workers and in preventing work-related injuries, illnesses and deaths.
- Safety requirements specific to Utah can be found in Rule R614-7 in the administrative code. (Page 110-111)



# Construction Fatal Four

- 65% of construction fatalities are attributed to the same four causes. For the last 24 months in Utah that number is 100%:
- Since January 2023:
  - Falls – 4
  - Caught-in/between– 4
  - Struck by Object - 4
  - Electrocutions – 1



# Penalties (New As Of 2025)

Type Of Violation	Penalty
Serious / Other Than Serious / Posting Requirements	\$16,131 per violation
Failure To Abate	\$16,131 per day beyond the abatement date
Willful Or Repeated	\$11,518 - \$161,323

# Most Common Citations For 2024

Type	Number of Violations
Fall Protection	6,307
Hazard Communication	2,888
Ladders	2,573
Respiratory Protection	2,470
Lockout / Tagout	2,443
Powered Industrial Trucks	2,248
Fall Protection (Training)	2,050
Scaffolding	1,873
Personal Protective Equipment	1,814
Machine Guarding	1,541



# Falls Are Still King

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# Fall Protection Training

- A harness is only as good as its fit.
- Much of the heavy lifting has already been done for you:
- <https://www.osha.gov/publications/bytopic/fall-prevention-protection>



# Recordkeeping Requirements

- Employers with **more than 10** employees have specific OSHA recordkeeping requirements:
  - Written emergency action plan
  - OSHA Form 300\*
    - List of all injuries and illnesses
  - OSHA Form 300A
    - **Regardless of number of injuries, log must be posted on site Feb 1<sup>st</sup> – April 30<sup>th</sup>**
- Form 122
  - Individual

OSHA's Form 300A (Rev. 01/2004)  
**Summary of Work-Related Injuries and Illnesses**

All establishments covered by Part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Use this Summary page to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries for all categories. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have the right to access the Log. See 29 CFR Part 1904.35, in OSHA's recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases			
Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
_____ (a)	_____ (b)	_____ (c)	_____ (d)

Number of Days	
Total number of days away from work	Total number of days of job transfer or restriction
_____ (e)	_____ (f)

Job and Illness Types	
_____ (g)	_____ (h)

# Notifying OSHA

- How long do you have to report a **fatality** or any disabling, serious, or significant injury?
  - **8 Hours**
- Serious injuries include:
  - Amputation
  - Fracture
  - Deep laceration
  - Severe burn (thermal, chemical, etc.)
  - Electrical burn
  - Sight impairment
  - Loss of consciousness
  - Concussion
- UOSH Reporting Line
  - 801-530-6901



# Before You Dig

- What number can be used to request a utility locator for a site?
  - 811
- Excavations are often under tighter scrutiny due to recent fatalities.



# Crane Certification

- State law and OSHA regulations require crane operators to be certified.
- Find a class at [nccco.org](http://nccco.org)



# Required Postings

- [laborcommission.utah.gov](http://laborcommission.utah.gov)
- Posters are free (watch out for scams)
- Available in English and Spanish
- OSHA posters are 8.5"x14"



Job Safety and Health  
**IT'S THE LAW!**

#### All workers have the right to:

- A safe workplace.
- Raise a safety or health concern with your employer or OSHA, or report a work-related injury or illness, without being retaliated against.
- Receive information and training on job hazards, including all hazardous substances in your workplace.
- Request a confidential OSHA inspection of your workplace if you believe there are unsafe or unhealthy conditions. You have the right to have a representative contact OSHA on your behalf.
- Participate (or have your representative participate) in an OSHA inspection and speak in private to the inspector.
- File a complaint with OSHA within 30 days (by phone, online or by mail) if you have been retaliated against for using your rights.
- See any OSHA citations issued to your employer.
- Request copies of your medical records, tests that measure hazards in the workplace, and the workplace injury and illness log.

#### Employers must:

- Provide employees a workplace free from recognized hazards. It is illegal to retaliate against an employee for using any of their rights under the law, including raising a health and safety concern with you or with OSHA, or reporting a work-related injury or illness.
- Comply with all applicable OSHA standards.
- Notify OSHA within 8 hours of a workplace fatality or within 24 hours of any work-related inpatient hospitalization, amputation, or loss of an eye.
- Provide required training to all workers in a language and vocabulary they can understand.
- Prominently display this poster in the workplace.
- Post OSHA citations at or near the place of the alleged violations.

On-Site Consultation services are available to small and medium-sized employers, without citation or penalty, through OSHA-supported consultation programs in every state.

*This poster is available free from OSHA.*

**Contact OSHA. We can help.**

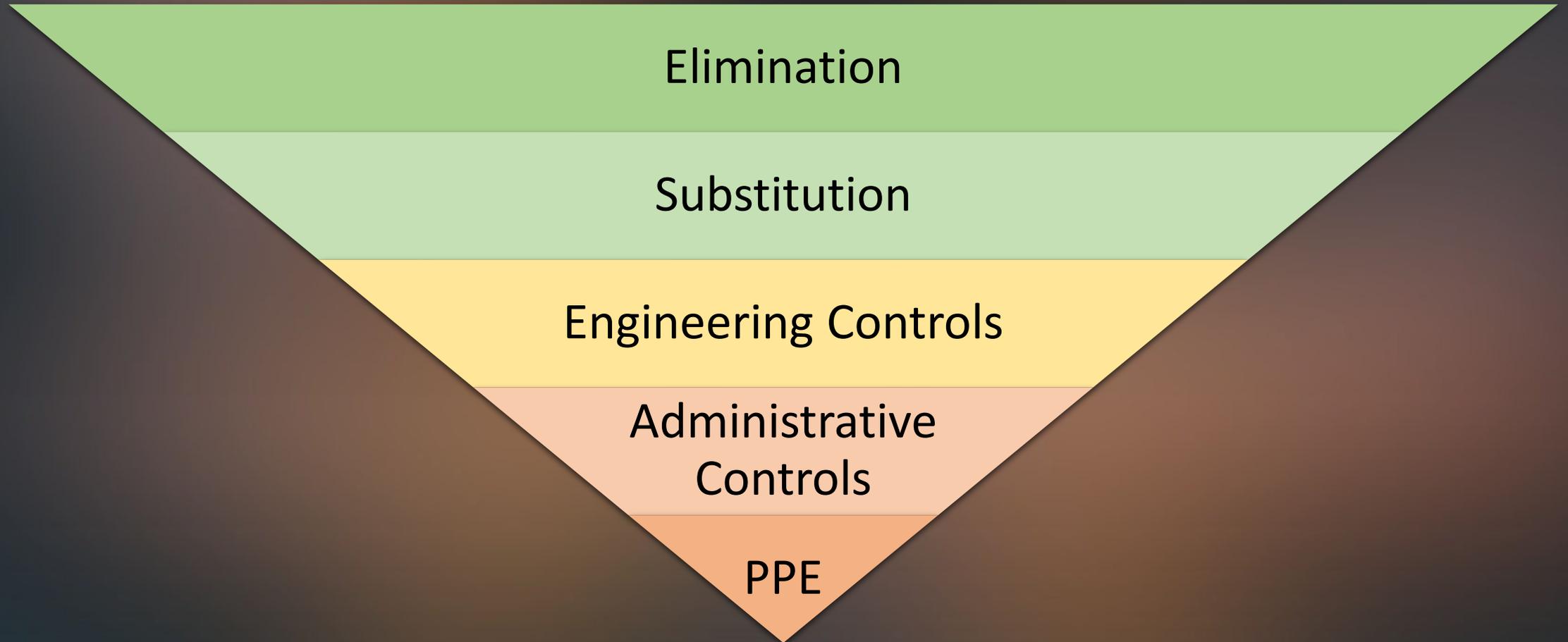


# PPE

- Personal Protective Equipment is a worker's \_\_\_\_\_ line of defense.
  - First
  - Last
- Personal Protective Equipment is a worker's last line of defense.



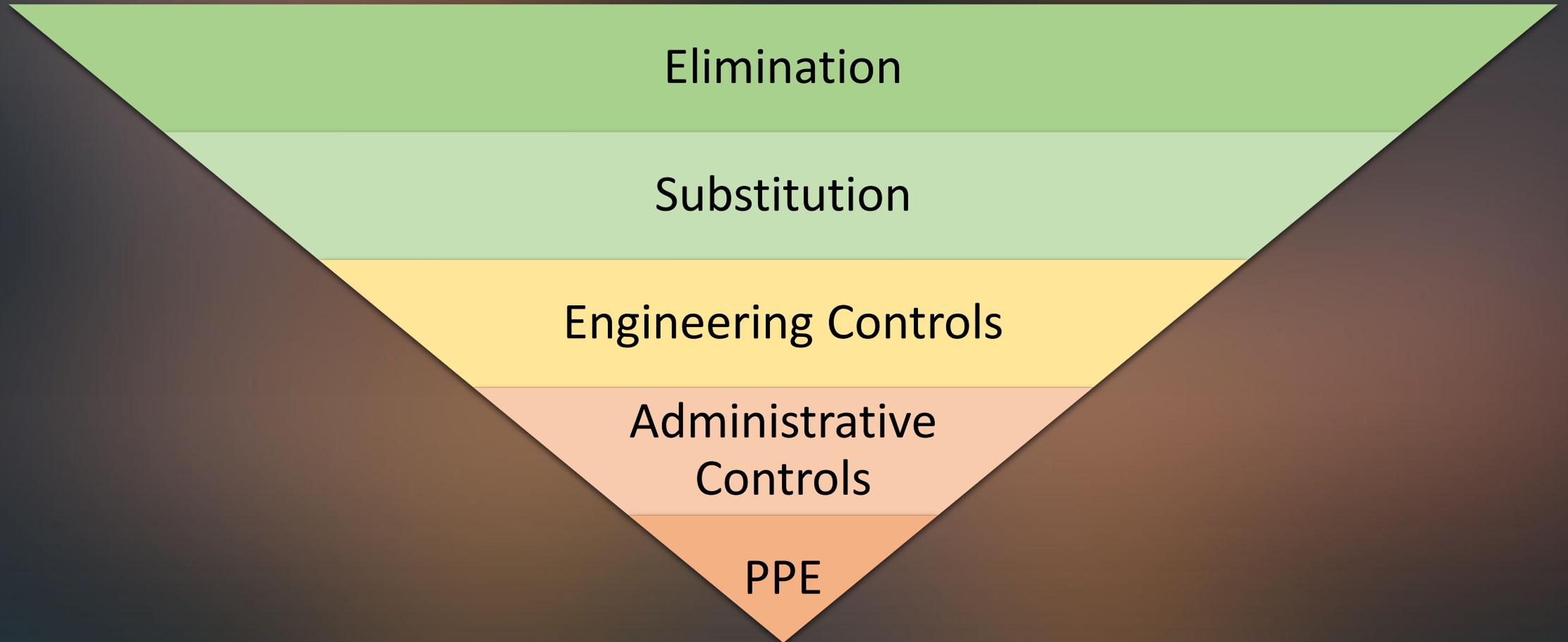
# But what could be better than PPE?







# But what could be better than PPE?



# PPE

- Do you have to provide your crew with PPE?
  - Advances vs. Reimbursements
- Some exceptions:
  - **Steel-Toe Boots**
  - Prescription Eyewear
  - Everyday Clothing
  - Skin Creams / Weather Protection
  - Lifting Belts



# Can You Force An Employee To Wear PPE?

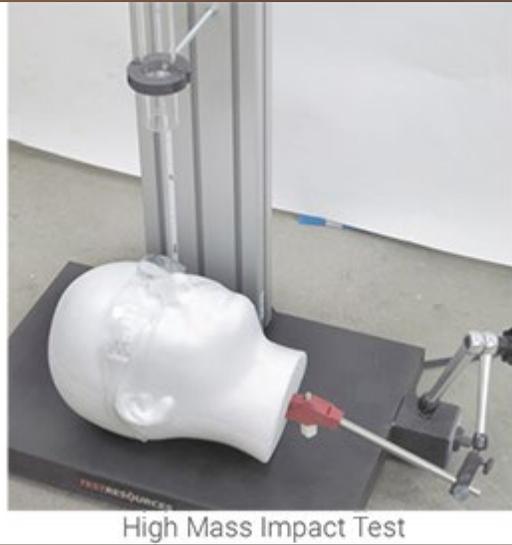
- Absolutely
- Do workers have a right to refuse to wear PPE?
  - No
- Do you have to replace lost PPE?



# ANSI Standards

- Eye Protection
  - ANSI Z87
  - Z87+

- Head Protection
  - ANSI Z89



# Fall Protection

- How high up can you be before tying off?
  - 6 Feet
- What if you're on scaffolding?
  - 10 Feet



# Ladders

- Misuse
- Extension ladders need three feet of siderail clearance when reaching upper landing
- Damage / Structural Defects





# SDS

- Formerly MSDS
  - MSDS
- All employers must retain SDS sheets. No matter company size.
- Label your containers, even if they're not hazardous.
- [agcce.org/sds](http://agcce.org/sds)



# Hazardous Materials

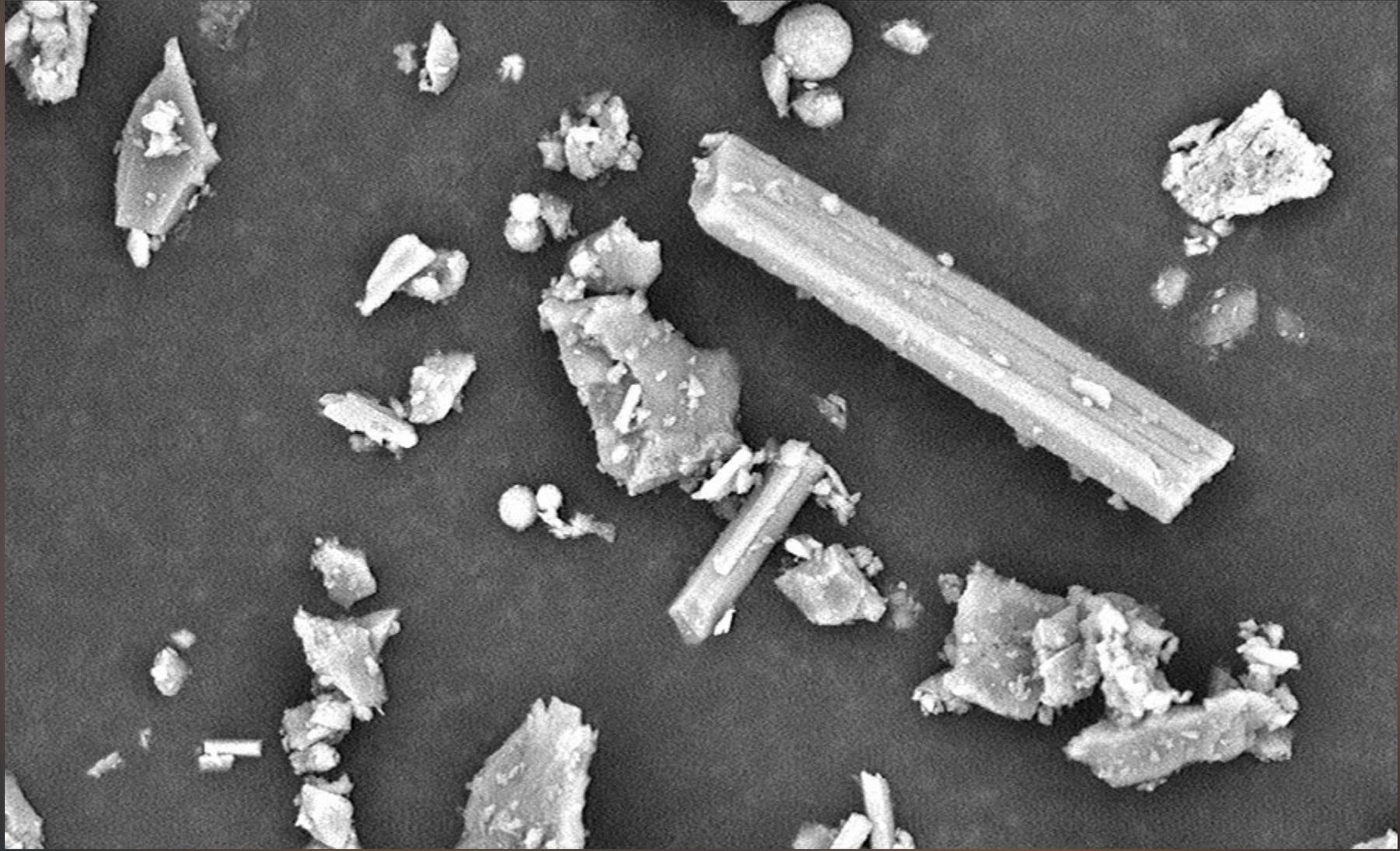
- Asbestos
  - If a contractor suspects the presence of asbestos on a site they should stop work, request a test, and if necessary, remediation from a qualified company.
- Lead
  - Contractors must provide customers with the EPA's 'Renovate Right' pamphlet when disturbing paint in a house constructed prior to 1978.
  - OSHA sets a permissible Exposure Limit (PEL) for lead at 50 micrograms per cubic meter of air ( $50 \mu\text{g}/\text{m}^3$ ), averaged over an 8-hour workday.
- [Deq.Utah.gov](http://Deq.Utah.gov)



# Respirable Crystalline Silica

- Particles at least 100 times smaller than ordinary sand.
- Cutting, sawing, grinding, drilling, and crushing stone, rock, concrete, brick, block, and mortar
- Associated with:
  - Silicosis, an incurable lung disease that can lead to disability and death;
  - Lung cancer;
  - Chronic obstructive pulmonary disease (COPD); and
  - Kidney disease.





# What's Expected

- Implement exposure controls from Table 1

- Equipment/task

Control Methods

Minimum

(ii) Handheld power saws (any blade diameter)	Use saw equipped with integrated water delivery system that continuously feeds water to the blade Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions:		
	-When used outdoors	None	APF 10
	-When used indoors or in an enclosed area	APF 10	APF 10



# APF



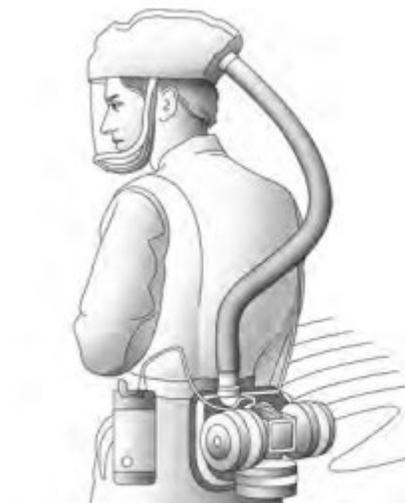
**Half mask/Dust mask**  
APF=10  
*Needs to be fit tested*



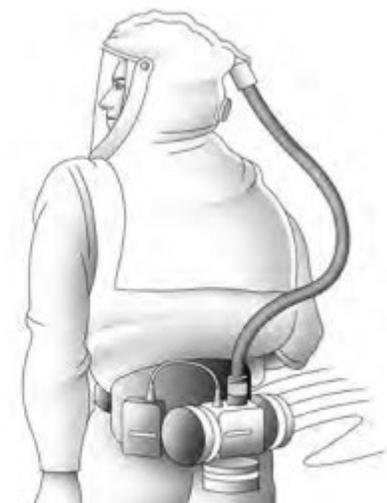
**Half mask (Elastomeric)**  
APF=10  
*Needs to be fit tested*



**Full facepiece (Elastomeric)**  
APF=50  
*Needs to be fit tested*



**Loose-Fitting Powered  
Air-Purifying Respirator (PAPR)**  
APF= 25



**Hood Powered Air-Purifying  
Respirator (PAPR)**  
APF= 25



# Consultation

- Consultation is free of charge for employers under 250 employees.
- No penalties or fines will be assessed.
- **Safety and Health Achievement Recognition Program (SHARP)**
  1. Request a Consultation
  2. On-Site Visit
  3. Evaluation & Report
  4. Correction Of Serious Hazards



# Employee Rights

- Employees have a right to report unsafe conditions to OSHA.
- How many days does an employee have to report a workplace injury to their employer?
  - 180 Days
- If an employee believes they have been retaliated against in any way they may file a whistleblower complaint **within 30 days**.



# Questions?

- Always better to ask than fall into a willful violation.
- UOSH: (801) 530-6800
  - 160 East 300 South, 3rd Floor
  - Salt Lake City, UT 84114-6600