

Lake County Safety Council
Thursday, May 19 Meeting



*Back to the Basics – How NOT to do Safety
in the Workplace*

Marissa Scott, MSOH, CIH, GSP – SafeX

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Consultants*

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UH Employer Solutions

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UH Occupational Services



Exciting News for Lake Health Corporate Solutions Clients, Communication

Lake Health System's *Corporate Solutions* continually strives for higher levels of excellence in the quality and access of care at our Occupational Health Centers. On **Monday, January 3, 2022**, we integrated with University Hospitals, including its Occupational Health Service Suite.

Lake Health integrated with University Hospitals as the two systems share a culture that puts patients first and emphasizes compassion in its high quality of care. By combining Systems, we are certain we will offer the best value in healthcare.¹

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UH Occupational Services



WELCOME TO THE NEW OCCUPATIONAL HEALTH SERVICES PORTALS – ISYSTOC

University Hospitals Occupational Health Clinics use iSystoc as their EMR (Electronic Medical Records) system.

The employer portal provides Employer access 24/7 to their Occupational Health records and results, which includes:

- Chain of custody form for drug testing
- Breath alcohol results
- Physical report (Medical Clearance)
- Respirator clearance
- TB results or IGRA (blood test for TB status)
- Titer results for Hepatitis B, MMR, and Varicella
- WebCheck tracking form

Substance Abuse Testing

- MedTox is a secure drug testing laboratory, partnered with UH to complete the analysis of drug screen specimens.
- MedTox is certified by the Substance Abuse and Mental Health Services Administration (SAMHSA).
- Negative results usually report out within 24-72 hours depending on when the specimen arrives at the laboratory.

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UH Occupational Services



Is your account current for designated contacts?

- Do you have the correct staff listed on your client profile?
- **In order to obtain access, each person authorized to view employee results needs to sign the Agreement - [iSystoc User Agreement](#).**

Is your account current for the types of services needed to meet your organizational needs?

- Respirator Clearance
- Respirator Fit Testing
- Webcheck (digital finger printing)
- OSHA Audio testing
- Onsite OSHA Audio testing
- TB testing.....and more options are available

If you need to set up your web portal access or update your account, please contact Chris Brill-Packard at (440) 479-8644 or via email: Christine.Brill-Packard@UHhospitals.org or Seth Baumberger via email: Seth.Baumberger@UHhospitals.org

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SAFETY 101: WHAT NOT TO DO

WELCOME

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SESSION OBJECTIVES

-  Discuss ways to integrate hazard recognition into daily inspections
-  Identify hazards through examples
-  Review OSHA's top 10 frequently cited violations

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How do hazards begin to go unnoticed or “slip through the cracks?”

1. Distractions?
2. Familiarity / false sense of security?
3. Poor safety culture?
4. Perhaps a little of everything?

Are People Walking Around **Blindfolded** on *Your* Job Site?

INTRODUCTION

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Hazard

- Danger or risk
- Exists in **every** type of work setting

Hazard Recognition

- Individualized system for recognizing and mitigating the hazards associated within that particular workplace



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HAZARD IDENTIFICATION AND RISK ASSESSMENT

Hazard identification is part of the process used to evaluate if a situation, item, etc., may have the potential to cause harm. The term often used to describe the full process is risk assessment:

1. Identify hazards and risk factors that have the potential to cause harm (hazard identification).
2. Analyze and evaluate the risk associated with the hazards (risk analysis and risk evaluation).
3. Determine appropriate ways to eliminate the hazard or control the risk when the hazard cannot be eliminated (risk control).

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TOOLS FOR HAZARD RECOGNITION



Safety affects **every associate.**

How do we integrate hazard recognition throughout all levels of associates?

Positive Safety Culture

Audits/Inspections



COMMON HAZARDS



OSHA's 2019 Top 10 Most Frequently Cited Violations



OSHA's (preliminary) Top 10 most frequently cited violations for 2021

	Regulation	Number of citations
1.	Fall Protection – General Requirements (1926.501)	5,295
2.	Respiratory Protection (1910.134)	2,527
3.	Ladders (1926.503)	2,026
4.	Scaffolding (1926.451)	1,948
5.	Hazard Communication (1910.1200)	1,947
6.	Lockout/tagout (1910.147)	1,698
7.	Fall Protection – Training Requirements (1926.503)	1,666
8.	Personal Protective Equipment – Eye and Face Protection (1926.102)	1,452
9.	Powered Industrial Trucks (1910.178)	1,420
10.	Machine Guarding (1910.212)	1,113

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WHAT ARE YOU LOOKING FOR?

- Electrical Hazards (cords, panels)
- Machine Guarding
- Pinch Points
- Ladder Safety (damage, proper use)
- Waste Storage
- Chemical Storage
- Container Labeling
- Fire Safety (Egress, Extinguishers & Sprinklers)
- PPE
- Chemical Exposure/Eyewash & Safety Showers
- BBP
- Crane
- Walking-Working Surface Hazards
- Fall Protection
- IH

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HAZARD RECOGNITION DURING INSPECTIONS

If conditions look wrong or unsafe, use that as your starting point.

- Ask questions
- Take pictures
- Communicate
- Do research
- Stop work if necessary

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FALL PROTECTION – GENERAL REQUIREMENTS (1926.501) & FALL PROTECTION – TRAINING REQUIREMENTS (1926.503)





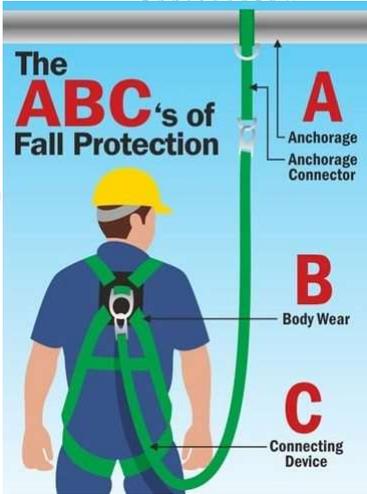
 

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FALL PROTECTION

Choose Your Fall Protection Method:

- Guardrail/Handrail
- Personal Fall Protection
- Designated Area
- Safety Net System



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The ABC's of Fall Protection

- A** - Anchorage
- B** - Body Wear
- C** - Connecting Device

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RESERVARY

RESPIRATORY PROTECTION (1910.134)

Facial Hairstyles and Filtering Facepiece Respirators
(provided for workers who wear tight fitting respirators)

TYPES OF RESPIRATORY PROTECTION

<p>Elastomeric Half-Facepiece Respirators are reusable and have replaceable cartridges or filters. They cover the nose and mouth and provide protection against gases, vapors, or particles when equipped with the appropriate cartridge or filter.</p>	<p>Elastomeric Full-Facepiece Respirators are reusable and have replaceable cartridges, cartridges, or filters. The facepiece covers the face and eyes, which offers eye protection.</p>	<p>Filtering Facepiece Respirators are disposable half-facepiece respirators that filter out particles such as dusts, mists, and fumes. They do NOT provide protection against gases and vapors.</p>	<p>Powered Air-Purifying Respirators (PAPRs) have a battery-powered blower that pulls air through attached filters, cartridges, or canisters. They provide protection against gases, vapors, or particles when equipped with the appropriate cartridge, canister, or filter. Loose-fitting PAPRs do not require testing and can be used with facial hair.</p>
<p>Supplied-Air Respirators are connected to a separate source that supplies clean compressed air through a hose. They can be lightweight and used while working for long hours in environments not immediately dangerous to life and health (IDLH).</p>	<p>Self-Contained Breathing Apparatus (SCBA) are used for entry into or escape from environments considered to be IDLH. They contain their own breathing air supply and can be either open circuit or closed circuit.</p>	<p>Combination Respirators can be either a supplied-air SCBA respirator or supplied-air air-purifying respirator. The SCBA type has a self-contained air supply if primary air and face seal can be used in IDLH environments. The air-purifying type offers protection using both a supplied-air flow & an air-purifying component and cannot be used for entry into IDLH environments.</p>	

Center for Disease Control and Prevention | National Institute for Occupational Safety and Health
September 2018

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RESERVARY

LADDERS (1926.503)




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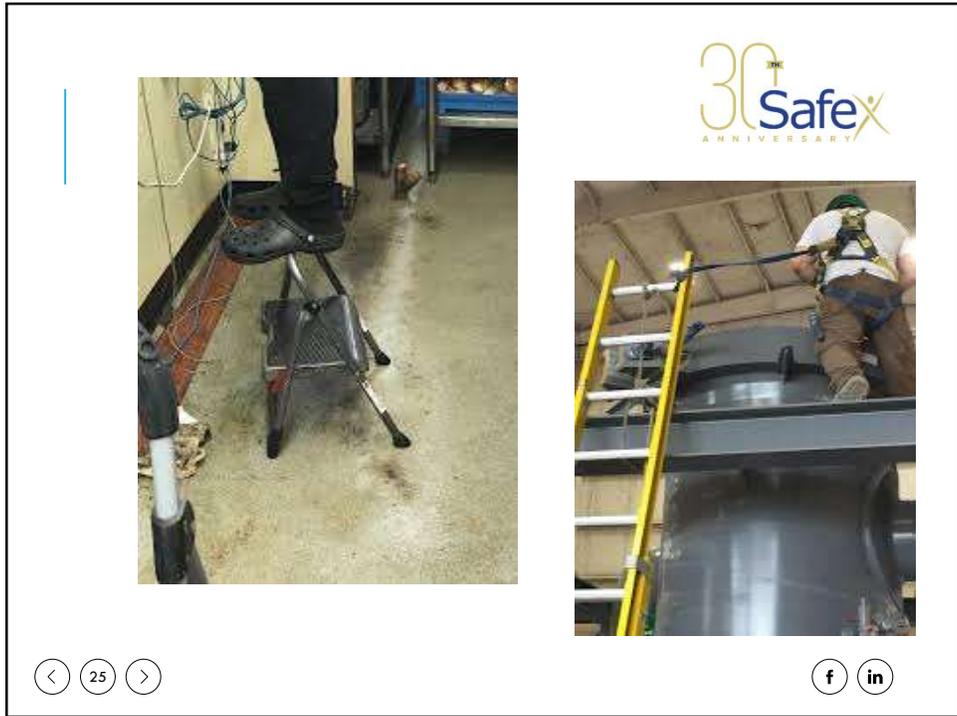
LADDER SAFETY



Portable Ladders

A	B	C	D
Read and follow all labels and markings on the ladder.	Inspect the ladder prior to using it. If it's damaged, remove from service.	Ladders must extend at least 3 feet above the point of support.	For every 4 feet in height, the ladder should be 1 foot from the base of the wall.





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SCAFFOLDING (1926.451)



Scaffold Safety



- ✓ Make sure the scaffolding boards are in place and in good condition.
- ✓ The scaffold must be strong enough for the usage purpose.
- ✓ Never overcrowd scaffold with people, supplies, or equipment.
- ✓ Erect scaffold with proper access and guard rails.
- ✓ Tied scaffold adequately where required.
- ✓ Place the guard rails and toe boards firmly.
- ✓ Use safety harness and lifeline.
- ✓ Do not climb or stretch out over the guard rails.
- ✓ Incomplete scaffold must be blocked off or must display a warning notice that it must not be used.



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HAZARD COMMUNICATION (1910.1200)



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LOCKOUT/TAGOUT (1910.147)



The Fatal Five
Main Causes of Lockout/Tagout Injuries

- Failure to stop equipment.
- Failure to disconnect from power source.
- Failure to dissipate residual energy.
- Accidental restarting of equipment.
- Failure to clear work areas before starting.



PERSONAL PROTECTIVE EQUIPMENT – EYE AND FACE PROTECTION (1926.102)



CHEMICAL EXPOSURES

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POWERED INDUSTRIAL TRUCKS (1910.178)

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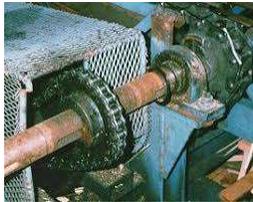
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POWERED INDUSTRIAL TRUCKS (1910.178)



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MACHINE GUARDING (1910.212)



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MACHINE GUARDING



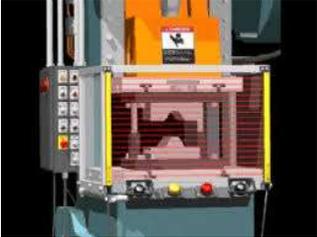


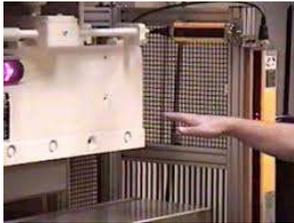


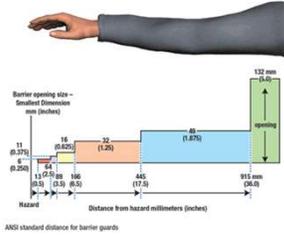


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MACHINE GUARDING







ANSI standard distance for barrier guards







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OTHER SIGNIFICANT VIOLATIONS – ELECTRICAL SUBPART



OSHA's electrical standard is 29CFR1910.301-399 Subpart S.

An average of one worker per day is electrocuted.

4 main types of electrical injuries:

- Electrocution (typically resulting in death)
- Shock
- Burns
- Falls



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ELECTRICAL HAZARDS



If too many devices are plugged into a circuit, the current will heat the wires.

If the insulation melts, arcing may occur.



Violation here is an extension cord with missing grounding prong.



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ELECTRICAL CORDS

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ELECTRICAL CORD SAFETY TIPS

<p>NEVER PULL FROM THE CORD</p>	<p>ALWAYS PULL FROM THE PLUG</p>
<p>ALWAYS INSPECT YOUR CABLES FOR FRAYED OR DAMAGED WIRES</p>	<p>KEEP ALL EXTENSION CORDS CLEAR OF SNOW & STANDING WATER</p>



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CORDS IN CONTACT SHARP OBJECTS

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COMMON VIOLATIONS



Knockout is missing



Damage to outlet box

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ELECTRICAL PANELS

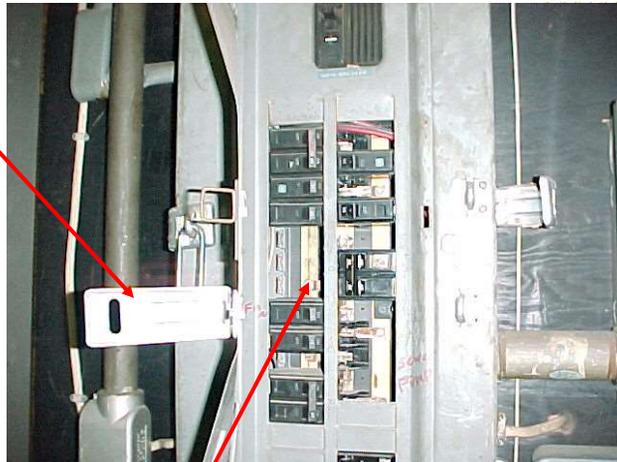


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COMMON VIOLATIONS



Door is missing

Open spaces inside of electric panel

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COMMON VIOLATIONS



Material is blocking access to the electrical panels

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NOT SO COMMON...



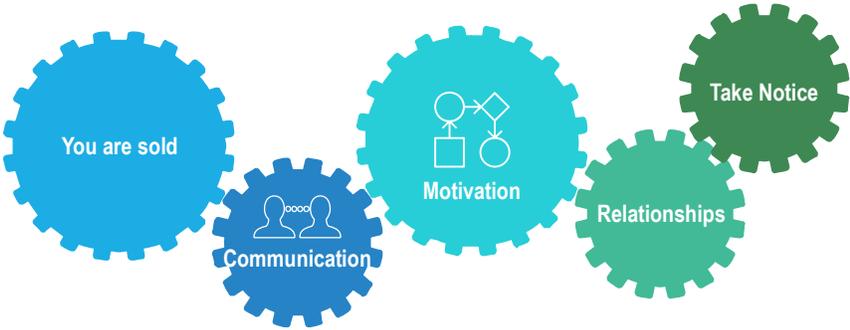
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POSITIVE SAFETY CULTURE



You are sold

Communication

Motivation

Relationships

Take Notice

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Questions/
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