



Spot The Hazard (STH)



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Identifying hazards

Hazard + Exposure = Accident

It takes a hazard and exposure to produce an accident.

What do the rules say?



Section 7 A of the Factories Act, 1948

Every occupier shall **ensure**, so far as is reasonably practicable, the **health, safety and welfare of all workers** while they are at work in the factory.

Chapter 1 Preliminary 2. (ca.):

“**competent person**” means a person or an institution **who carries out tests, examinations and inspections** required to be done in a factory under the provisions of Factories Act.

What does "qualified" mean?

The person needs to have **adequate knowledge and skills to detect and correct hazards**. Whoever inspects needs to be **properly trained** and have experience.



Significance of Hazard Identification



Identifying and controlling workplace hazards involves many processes.



It's more than simply “inspecting out hazards.”

Before we can effectively **control** hazardous conditions and unsafe behaviors, we **need to be familiar** with their **characteristics and the necessary processes** to make sure they are **promptly identified and analyzed**.

Relevance and Context



The questions and exercises in this workshop will help us become more familiar with hazard control concepts.

We'll discuss the many types of hazards that may exist in the workplace.

We'll discuss the various elements of an effective hazard control program, the nature of hazards in the workplace, and finally we'll consolidate everything we've learned together in a final exercise.

The purpose of this workshop is to trigger our inherent skills in using the basic knowledge and skills to identify, analyze, and apply control strategies to eliminate or reduce hazardous conditions and unsafe practices in the workplace.

STH Workshop goals:



01

Explore the elements of an effective hazard identification and control program.

02

Discuss the steps in the hazard identification and control process.

03

Complete the hazard identification and control worksheet.

To start with: A Small Exercise



Can a “person walking” be a hazardous condition?

By being distracted in any way. The truth is a person only makes the situation worse by being distracted, tired, ill, intoxicated. Now focus on correcting the hazard.

What is a hazard?



An unsafe or that could cause an or to an employee.

An unsafe Condition or Practice that could cause an Injury or illness to an employee.

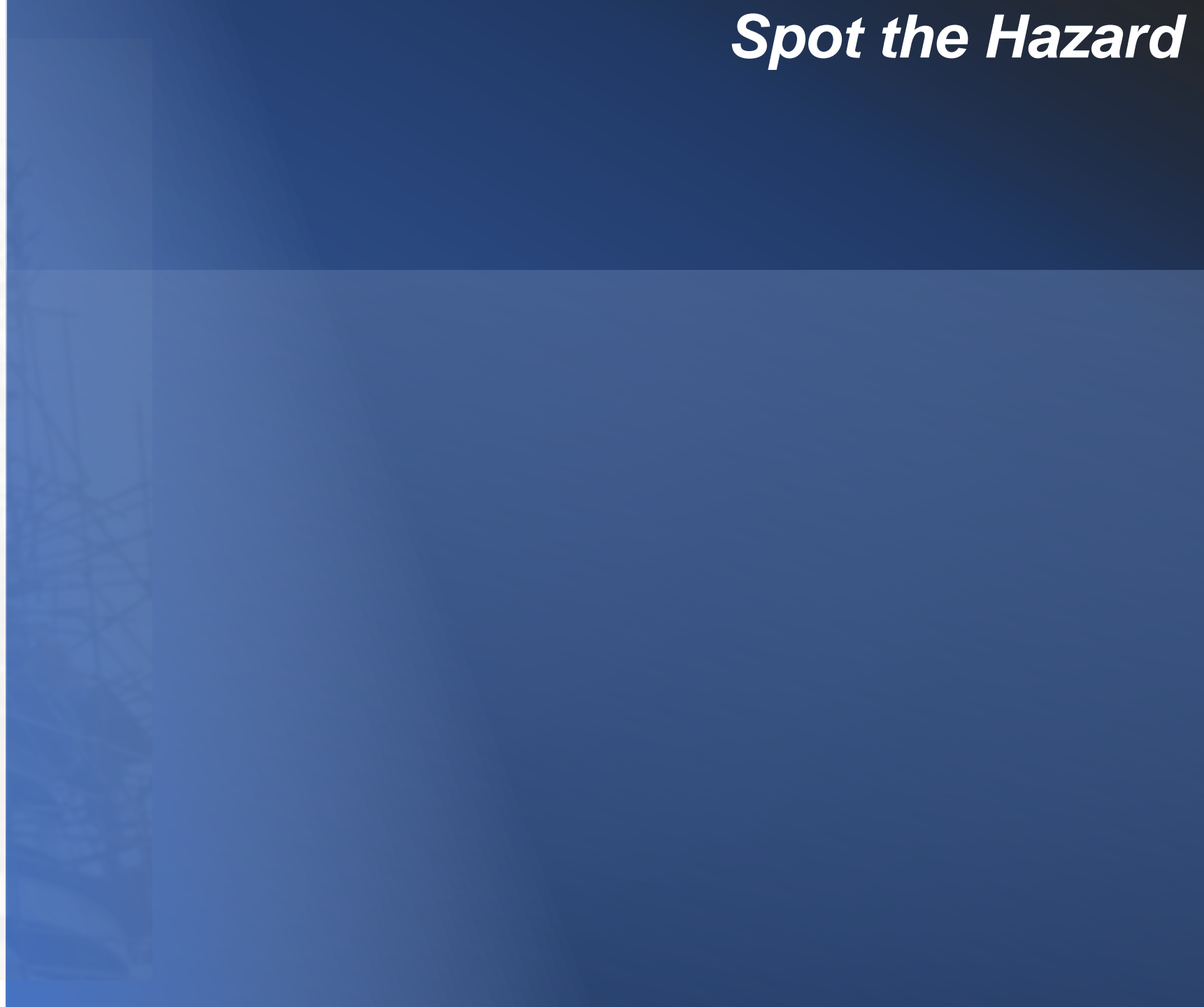


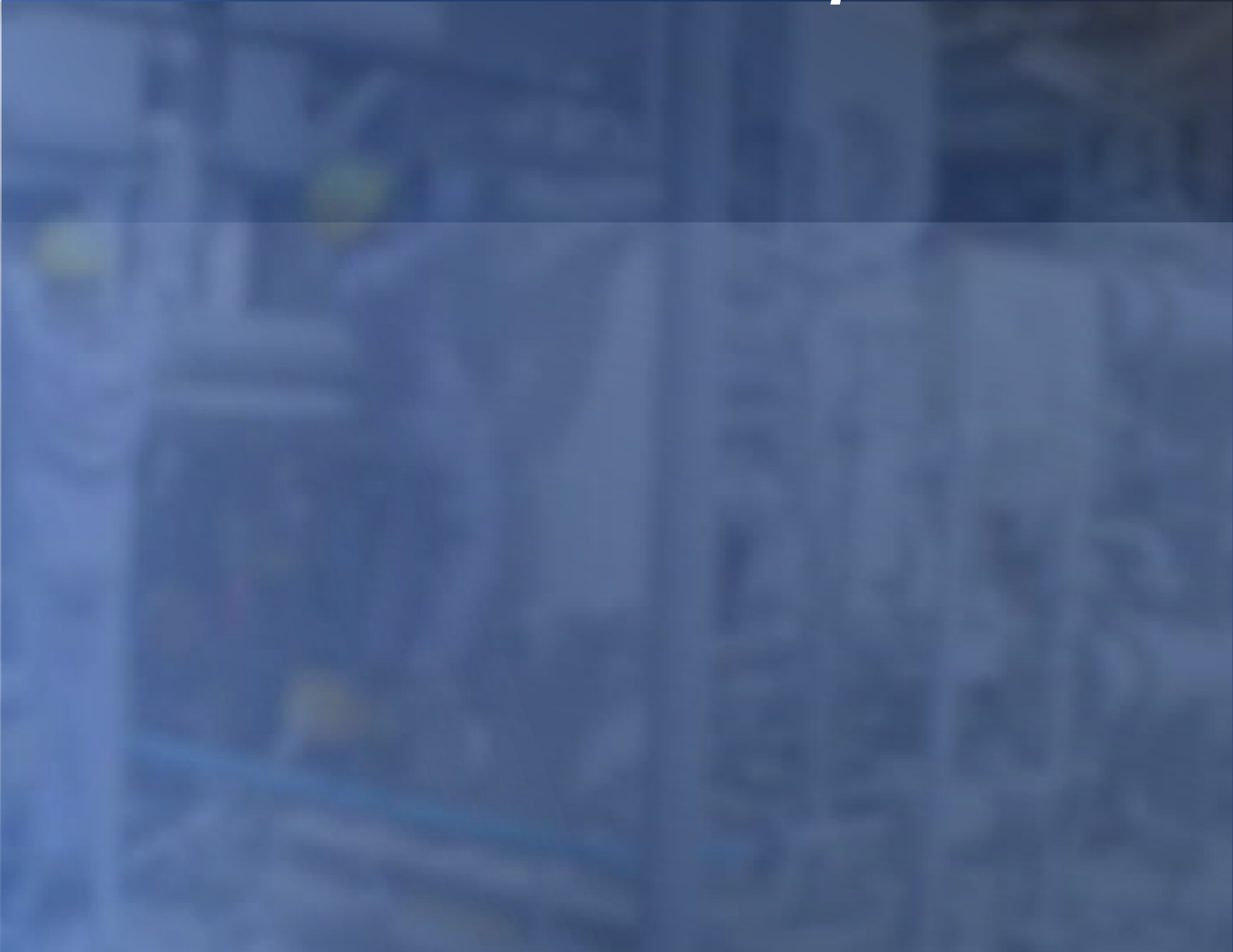
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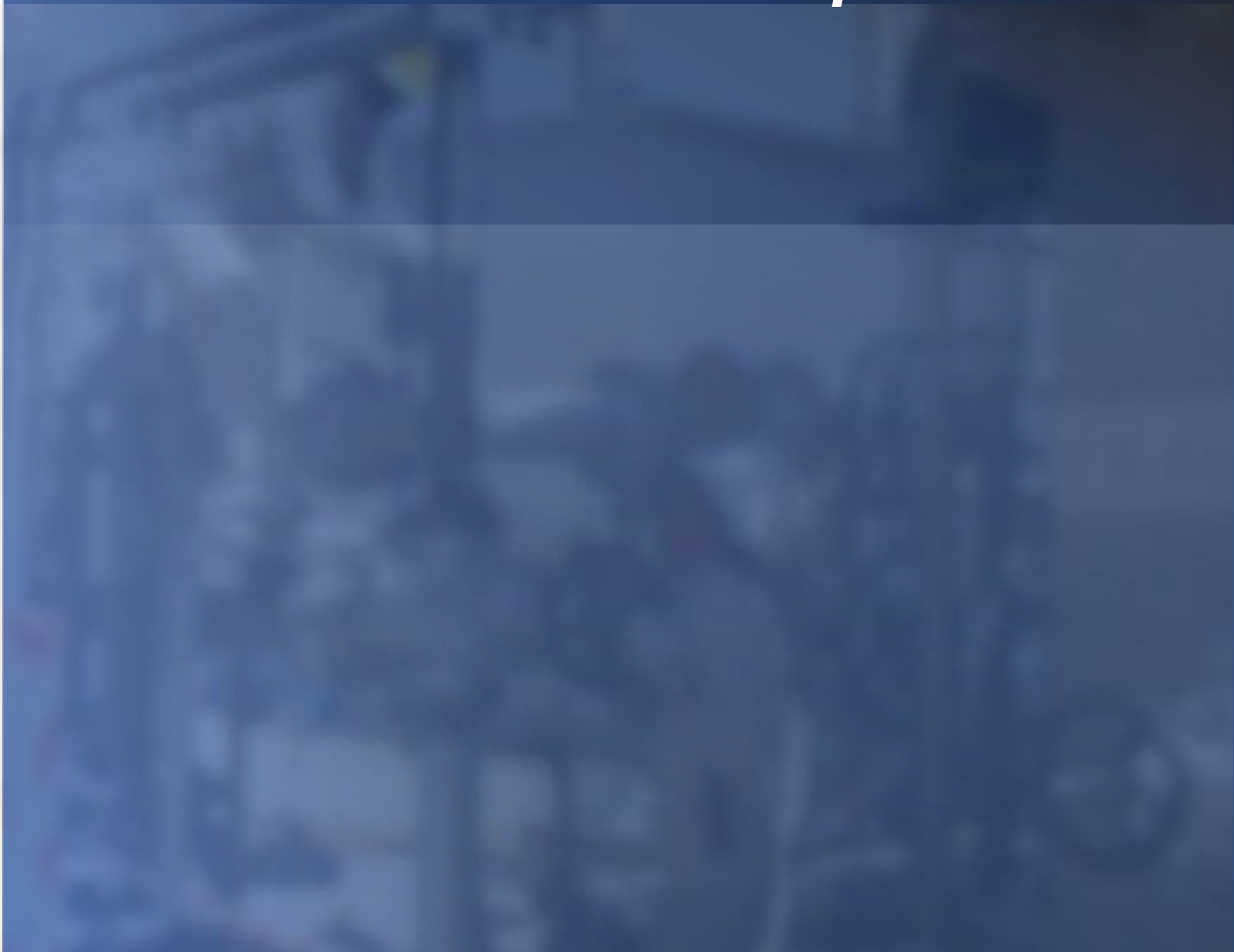


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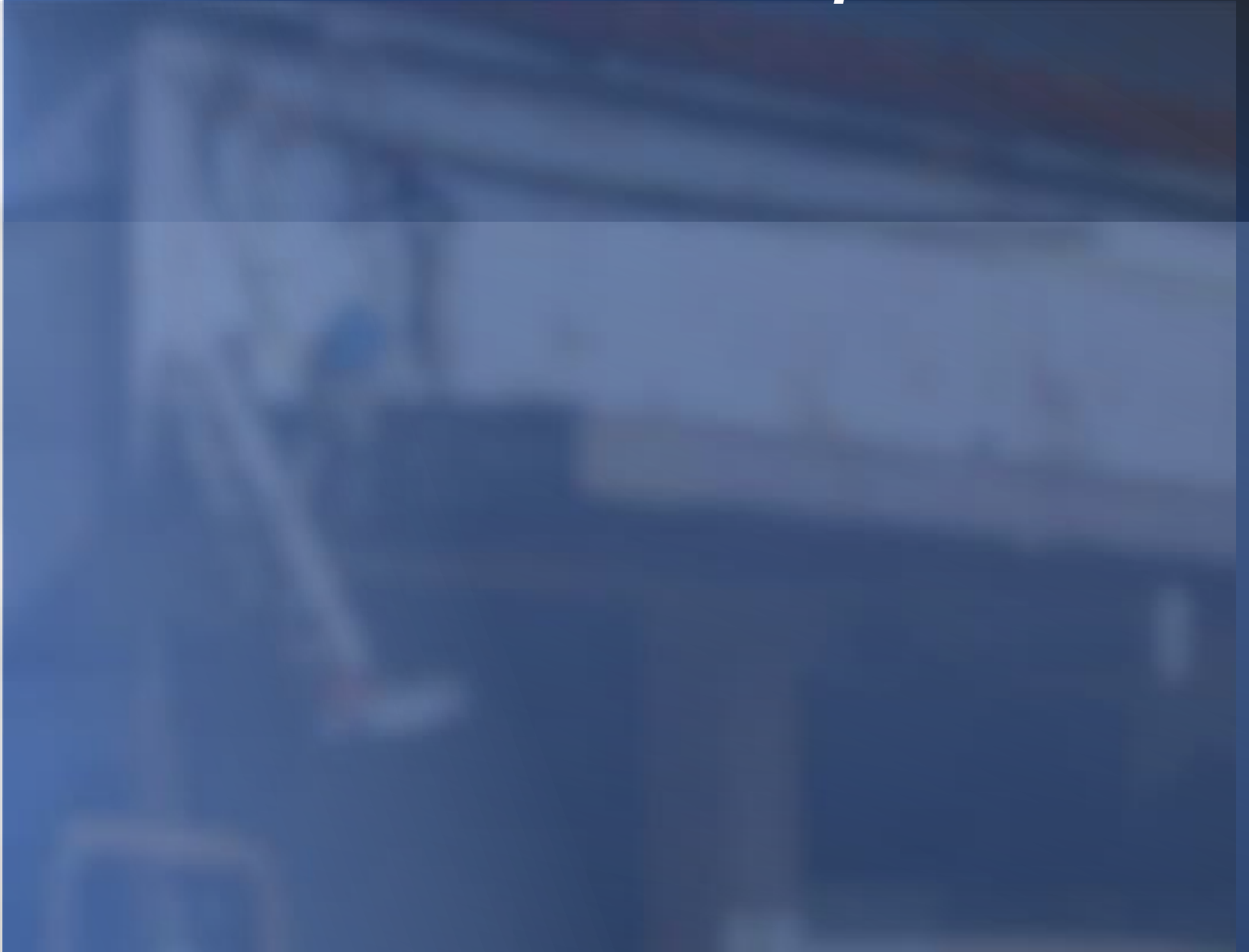


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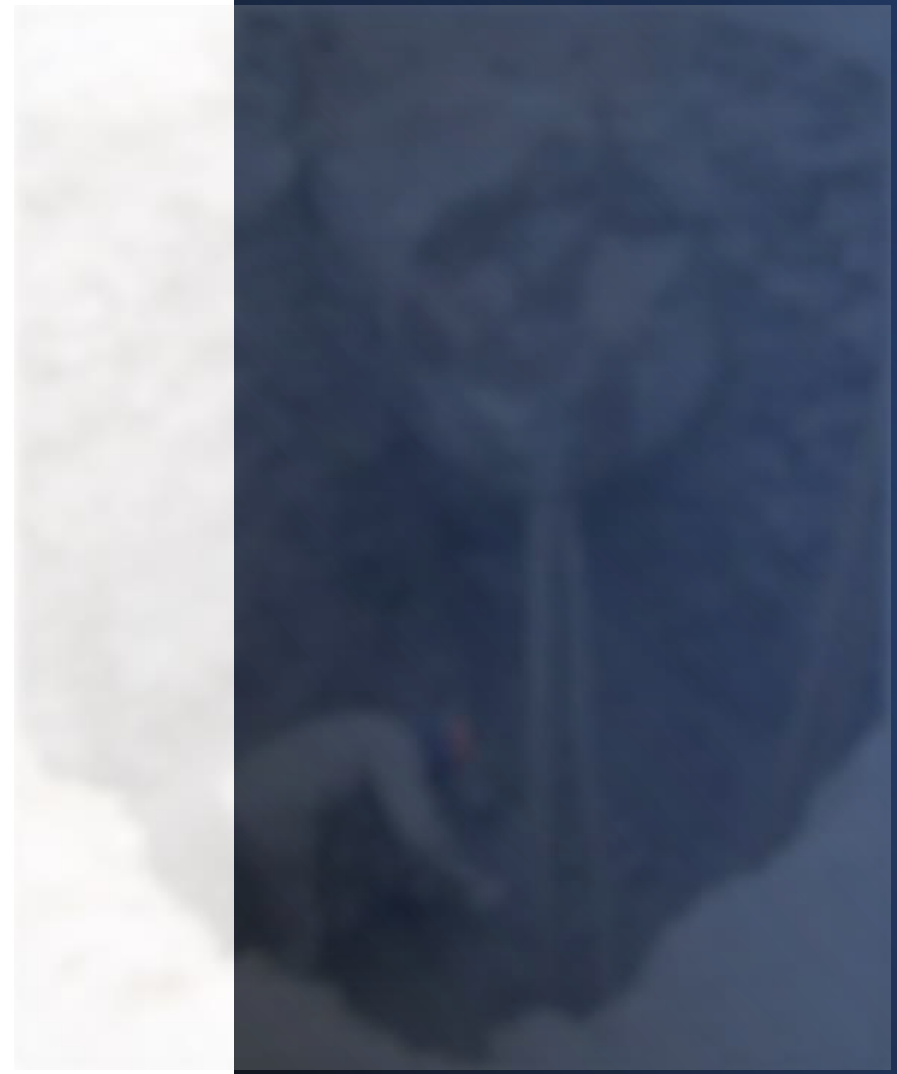


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Types of Workplace Hazards



BIOLOGICAL

Bacteria, viruses, insects, plants, birds, animals, and humans



CHEMICAL

Depends on the physical, chemical and toxic properties of the chemical



ERGONOMIC

Repetitive movements, improper setup of workstation, poor design of equipment, workstation design



PHYSICAL

Radiation (ionizing and nonionizing), high exposure to sunlight and ultraviolet rays, temperature extremes, and constant loud noises



PSYCHOLOGICAL

Shift work, workload, dealing with the public, harassment, discrimination, threat of danger

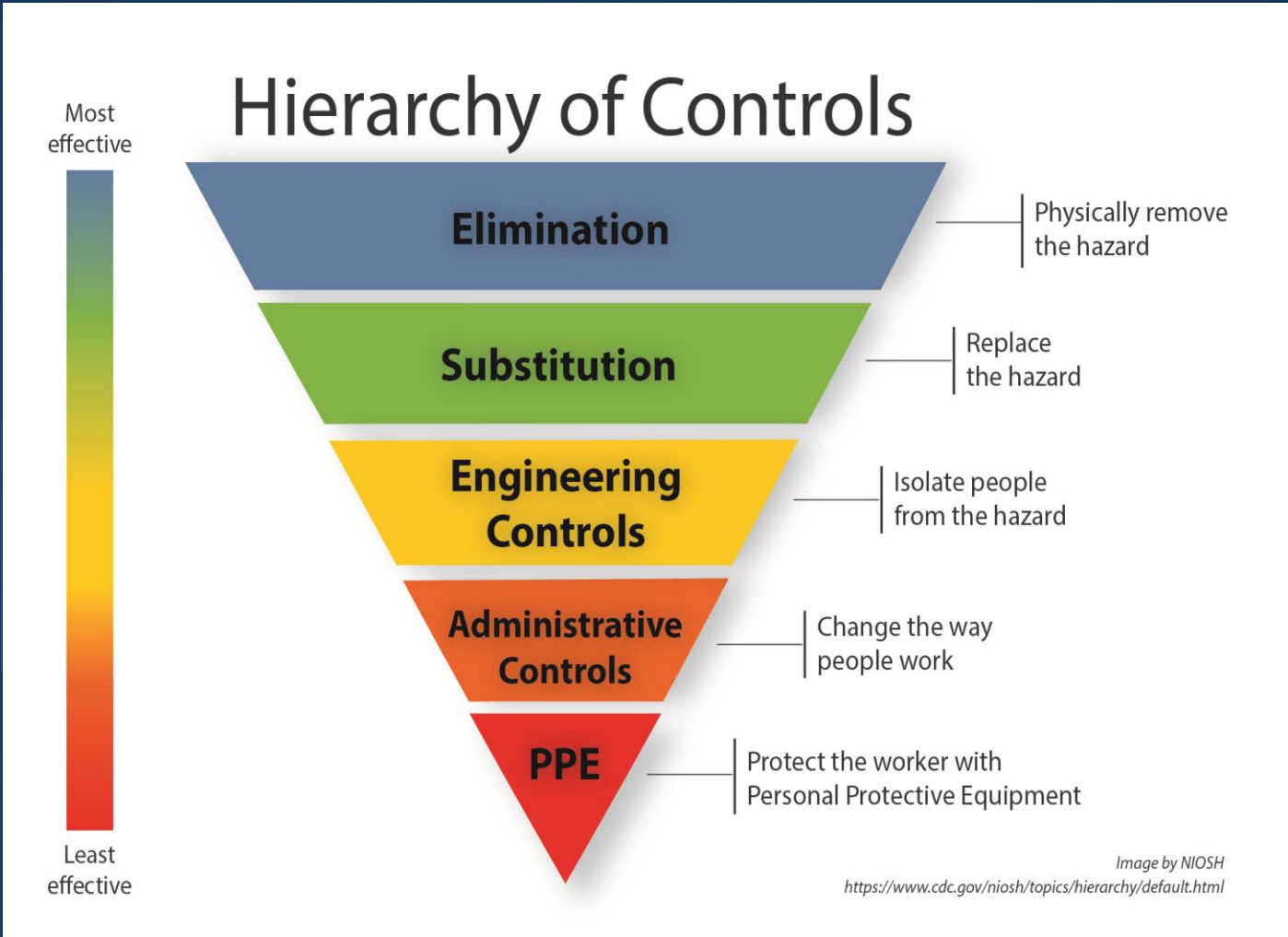


SAFETY

Slipping/tripping hazards, inappropriate machine guarding, equipment malfunctions or breakdowns



Effective Hazard Control Program





Thank You