RECOGNIZING HAZARDS AND UNSAFE CONDITIONS
This session will help you identify common types of health and safety hazards in the workplace.

**HEALTH**
- Common types of hazards
- How hazards enter your body
- Levels of exposure
- Types of health effects

**SAFETY**
- Common types of hazards
- Slips, trips and falls
- Caught-in or struck-by
- Fire and explosions
- Transportation and vehicles
- Confined spaces
- Workplace violence
IDENTIFYING HEALTH AND SAFETY PROBLEMS IN THE WORKPLACE

Do you or your coworkers have injuries or health complaints?

When do you or your coworkers feel these symptoms?

Where in the workplace are safety and health problems occurring?

What are the conditions that are causing problems?
COMMON TYPES OF HEALTH HAZARDS IN THE WORKPLACE

CHEMICAL HAZARDS

- Pesticides
- Solvents
- Flammables
COMMON TYPES OF HEALTH HAZARDS IN THE WORKPLACE

BIOLOGICAL HAZARDS

Bloodborne Disease

Tickborne Illnesses

Mold
COMMON TYPES OF HEALTH HAZARDS IN THE WORKPLACE

PHYSICAL HAZARDS

- Noise
- Vibration
- Heat & Cold
COMMON TYPES OF HEALTH HAZARDS IN THE WORKPLACE

ERGONOMIC HAZARDS

Repetitive Strain Injuries

Sprains and Strains

Musculo-skeletal Disorders
COMMON TYPES OF HEALTH HAZARDS IN THE WORKPLACE

PSYCHOLOGICAL HAZARDS

Stress!

“Do more with less”

Emergency Response
HOW HEALTH HAZARDS ENTER YOUR BODY

Breathing

Skin Absorption

Routes of Entry

Swallowing

Cuts and Punctures
THE HARM CAUSED BY HEALTH HAZARDS DEPENDS ON...

- Strength or potency of the hazard
- Amount of hazard that is present
- How long you are exposed
- Part of your body that is exposed

How harmful is it?
TYPES OF HEALTH EFFECTS

ACUTE
The effect shows up right away

CHRONIC
The effect shows up after a long period of exposure, or long after the exposure

LOCAL
Only the body part that was exposed is affected

SYSTEMIC
The agent enters the body and affects other parts
CANCER

Many diseases in different parts of the body

Caused by carcinogens

No totally safe level of exposure to something that causes cancer

May develop 10, 20 or more years after exposure
Both Men and Women Can be Affected

- Infertility
- Miscarriage
- Birth defects
- Developmental Disorders in Children
SENSITIZATION

Allergies or sensitivity to chemicals or other agents can develop over time. First time exposures may not have symptoms.
COMMON TYPES OF SAFETY HAZARDS IN THE WORKPLACE

- Slips, Trips and Falls
- Caught-in or struck-by
- Fire and Explosions
COMMON TYPES OF SAFETY HAZARDS IN THE WORKPLACE

- Motor vehicle crashes
- Violence
- Confined spaces
SLIPS, TRIPS AND FALLS

Bad housekeeping
Poor drainage
Snow and ice
Stairs
SLIPS, TRIPS AND FALLS

Electrical cords, hoses, and improperly stored equipment can pose trip hazards.

Look for trip hazards in the office, shop and worksite.
You can fall if not provided with fall protection equipment, guardrails and safe ladders
You can get parts of your body caught in or struck by exposed moving parts if machines are not properly guarded or locked out during repairs.
You can be struck by flying objects from machines without protective guards.
Improper labeling, handling or storage of certain materials can pose a risk of fire or explosion.
Every workplace must have an evacuation plan for getting people out of a building in case of fire or other emergency.

All staff must receive training on what to do in case of emergency.
Operators of vehicles and equipment can be injured or cause injury to citizens if equipment is unsafe or if adequate training has not been provided.
You can be seriously injured or killed if hit by a vehicle when working on or near the roadway.
A confined space is an area with small openings for a worker to enter and exit and is not designed for regular work. Examples in the DNR include manholes, sewers, and tanks.
WORKPLACE VIOLENCE

- Homicide
- Physical Assault
- Verbal Abuse
- Sexual Harassment
QUESTIONS ABOUT RECOGNIZING AND REPORTING HAZARDS?
ASK YOUR SUPERVISOR OR A MEMBER OF THE SAFETY PROGRAM STAFF