



Personal Protective Equipment

Session 4

Facilitator

Date

Company



Personal Protective Equipment

PPE Defined

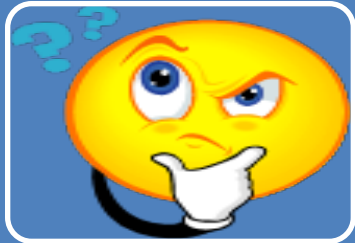
Basic PPE

Clothing

Fall Arresting Protection



Personal Protective Equipment (PPE)



What is PPE?



Equipment used to reduce injuries from hazards.



Can you think of examples of PPE?

Share Stories

*It's your first day on the job.
You need to wear/bring PPE.*

Canadian Workplace Expectations

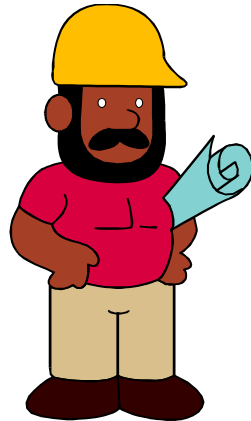


Why do you need PPE in the workplace?

How will you know what to bring?

Canadian Workplace Expectations

What do employers require?



Eye protection



es



rator



purpose

- Keep things out of eyes



industry



- Construction
- Electrical
- Lumber
- Welding
- Emergency response

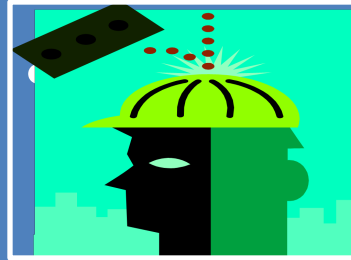


Head protection

type



purpose



objects

- Protect head from banging into objects

industry



rigs

- Electrical
- Logging
- Pulp & paper

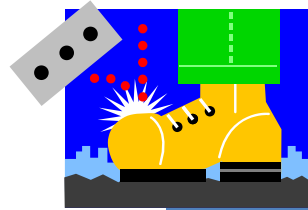


Foot Protection



type

- Boots with steel toes and shanks
- CSA approved

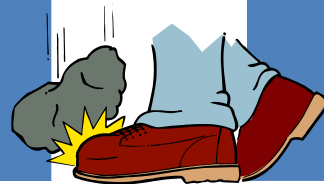


- Protects feet from objects falling on or piercing them



Puncture

- Protects feet from walking into things



industry

- Construction
- Refineries
- Drilling rigs
- Electrical
- Logging
- Pulp & paper
- Lumber

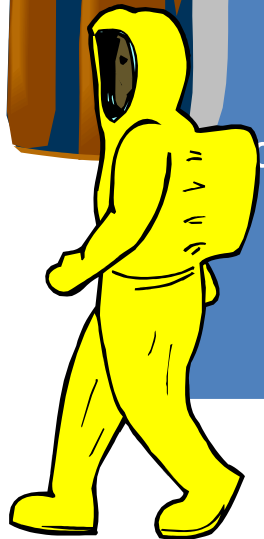
Limb and body protection



•Gloves



Aprons



Body suits



purpose

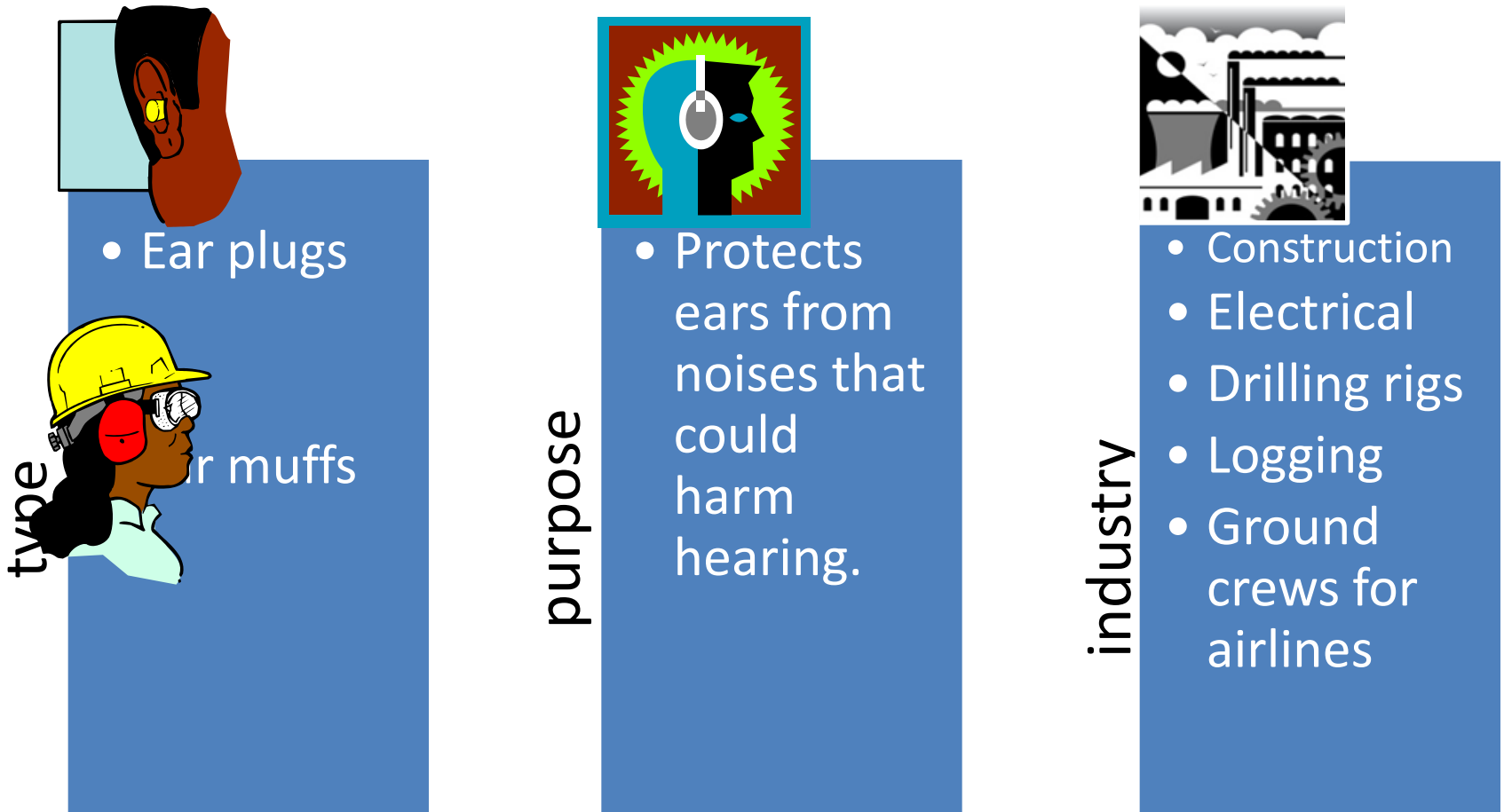
Protects
hands or
body from
rough,
sharp, hot or
chemical
objects



industry

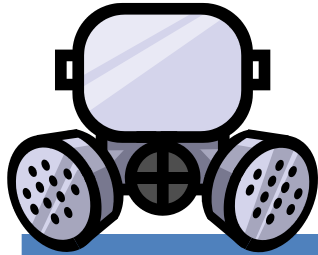
- Construction
- Metal work
- Mining
- Drilling rigs
- Chemical work

Ear protection



Respiratory

type

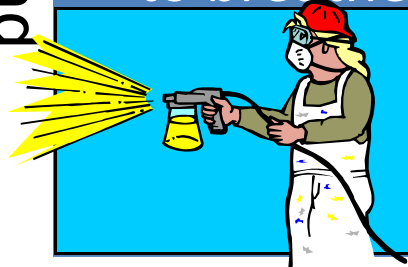


- Air purifying
- Atmosphere supplying



purpose

- Filters air into the lungs
- Supplies clean air to breathe



industry

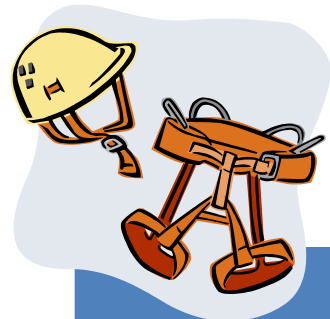


- Construction
- Lawn work
- Auto body
- Confined spaces
- Emergency response

Fall Arresting Protection

- A - Anchorage - a fixed structure or structural adaptation, often including an anchorage connector, to which the other components of the PFAS are rigged.
- B - Body Wear - a full body [harness](#) worn by the worker.
- C - Connector - a subsystem component connecting the harness to the anchorage - such as a [lanyard](#).
- D - Deceleration Device - a subsystem component designed to dissipate the forces associated with a fall arrest event.

Fall Protection



type

- Safety belts
- Harness
- Lifelines



purpose

- Protect workers from falling



industry

- Electric utility linesmen
- Electrical
- Drilling rigs
- Power plants



Lifeline Anchorage



Anchors

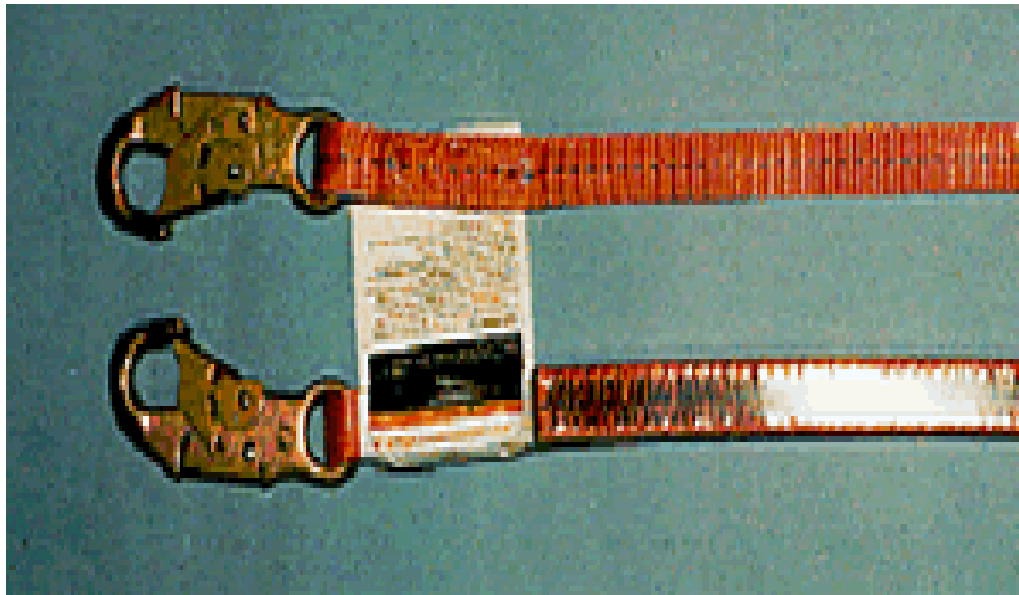
Lifeline

Full-body harness



Buckle
D-Ring
Webbing

Shock Absorbing Lanyard



Snaphooks
Webbing

Connects the harness to the anchorage

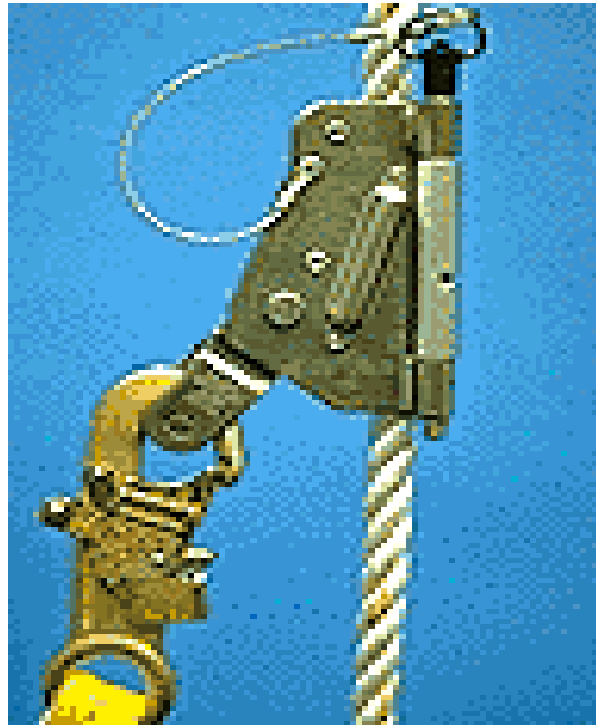


Lifeline





Rope grab



Worksheets

- Task page 113 – 114 job safety skills program
- Page 115
- Page 117



**Would it kill you
to wear one?**

Because it could kill you not to.

If you wear the right gear and take the proper precautions, every workplace incident is preventable. To learn how you can help make Alberta a safer place to work, visit worksafely.org or call (toll free) **1-866-415-8690**.

Alberta



**You find these
uncomfortable?**

You should try losing a toe.

If you wear the right gear and take the proper precautions, every workplace incident is preventable. To learn how you can help make Alberta a safer place to work, visit worksafely.org or call (toll free) **1-866-415-8690**.

Alberta

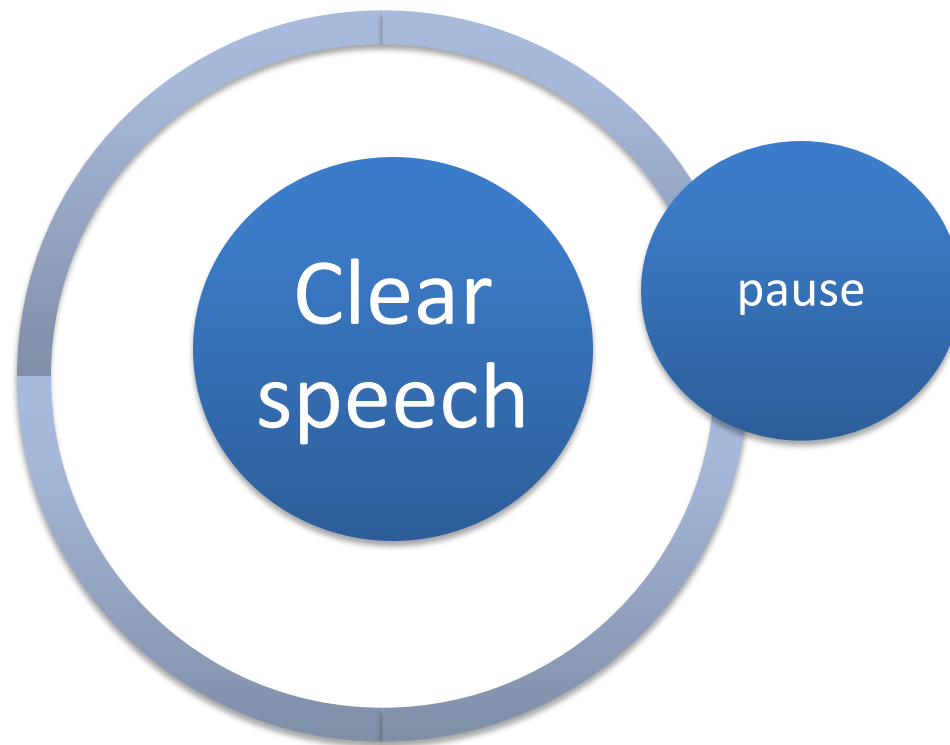


Then you risk not seeing anything.

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Alberta

Clear Speech



Acronyms

- **PPE** (personal protective equipment)
- **CSA** (Canadian standard approval)

Vocabulary

Respiratory system	carries oxygen to body
Respirator	breathing equipment
Shield	guard or screen
Goggles	safety glasses
Steel toes	metal - hard toe area of boots
Steel shanks	metal - hard middle part of boots sole
Limb	body part - arm or leg
Apron	protective garment worn over front of clothes
Body suit	one-piece garment that covers the body and limbs
Long sleeved	parts of a garment that wholly cover the arm
Ear plugs	used to fill up to space in the ears
Ear muffs	Used to cover up the ears



Vocabulary

Anchorage	A secure structure that has other parts of the system joined
Connector (lanyard)	joins the harness to the anchorage
Harness	straps fitted to a worker to fasten him/her to something or to keep the him/her in position
Deceleration Device	designed to lessen the forces of a fall arrest

Sayings

- Would it kill you to.....
- You should try losing....
- Can't see a use for these?