

Workplace safety slideshow notes

Title slide

Slide 2 and 3: Safety hazards

Now that you've thought about safety hazards in some jobs you know, what do you think might be safety hazards for these workers?

Slide 4: Office

Workplace safety may seem more obvious in jobs like construction, but it's important everywhere. What might be some workplace safety considerations in this office?

- Office ergonomics, bullying and harassment are part of workplace safety as well.

Slides 5 and 6: Young workers

Review and discuss WorkSafeBC's statistics for young workers.

- Young workers are under the age of 25.
- On average, 27 young workers are injured every day in B.C.
- On average, seven young workers are permanently disabled each week in B.C.
- Young males, in particular, face a 48 per cent higher risk of injury than the overall working population.
- Approximately 20 percent of the injuries and fatalities to young workers occur during the first month on the job.

Slides 7 and 8: Workplace safety incidents

These are examples of real-world workplace incidents. The two reports on slides 7 and 8 are examples from [WorkSafeBC's recent incidents](#). It's important to know and understand the risks involved with your job so that you can prepare yourself to stay safe.

Slide 9: Staying safe around natural gas and electricity

Think of ways you use natural gas and electricity every day. Have students share some suggestions.

In just about any workplace you'll be around natural gas and electricity, so knowing some basic safety considerations is important. What do you think they might be?

Slide 10: Natural gas

Natural gas is used for heating and cooking in many buildings and workplaces. In the rare event of a leak, natural gas rises and dissipates quickly as it's lighter than air. But, if the leaking gas builds up in an enclosed space such as a sewer line or basement, that poses a significant hazard.



Slide 11: What to do if you smell natural gas

Natural gas is odourless, so a chemical called mercaptan is added to make it detectable in the event of a leak. Mercaptan smells like rotten eggs. If you smell a gas leak:

- Stop what you're doing.
- Go outside. Leave the door open as well as any windows already open.
- Call FortisBC's 24-hour Emergency Line at **1-800-663-9911** or **911**.

Slide 12: Call before you dig

Underground natural gas lines deliver natural gas to homes, business and schools. Damaging a natural gas line can have serious consequences. If you're going to dig in your yard or for work, make sure to click **bconecall.ca** or call BC One Call at **1-800-474-6886** first to make sure you won't hit any gas lines or other utilities.

Slide 13: Downed power line

If you come across a downed power line, stay at least 10 metres (33 feet) away. This is about the length of a school bus.

- Call **911**.
- If you are within the 10 metres and have to move, keep your feet on the ground and shuffle away until you're at least 10 metres away.

Slide 14: Look up and live

Electricity is invisible and can "arc" or jump from a power line across a distance. Keep yourself, tools and ladders away from power lines and stay at least three metres (10 feet) away.

Slide 15: Specific training

Every job and every career will have its own specific safety training. The next slide shows some specific training that is recommended for careers in the energy sector as an example.

Slide 16: Energy sector

Listed here are some training and certifications relevant to the energy sector.

- Most certifications and training listed are self-explanatory.
- H2S Alive is a course for those who work around hydrogen sulphide (H2S) and is required in the oil and natural gas industry. H2S is flammable and poisonous.
- Confined spaces can create various hazards including reduced oxygen levels, concentrated fumes, flooding or a risk of fire.

Slide 17 and 18: Resources for workplace safety

No matter what career you choose, there are resources, policies and laws to help protect you.

Employers have a responsibility to create a safe workplace and employees have a responsibility to be aware of safety risks, always act in a safe manner and know what to do if something happens.

Now it's your turn to learn more about workplace safety and a career you're interested in.

