

# HYDROGEN – DID YOU KNOW

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## Is Hydrogen the Energy of the Future?

[gas.ATCO.com](#) > [Our Energy Future](#) > [Hydrogen](#)

When burned, hydrogen produces water vapour and no carbon emissions.

Hydrogen is colourless, odourless, tasteless, non-toxic and non-poisonous

Hydrogen is just as safe as natural gas. It can be produced, transported, stored, and used safely. And just like natural gas, it must be treated with respect and with the proper care and handling.

There are two types of clean hydrogen—blue and green. Blue is produced through natural gas and green is produced using electricity.

Blue hydrogen is the most common and economical to produce. It's also the most abundant in Alberta. We're able to produce blue hydrogen cheaper than anywhere else in the world!

**Bonus: What percentage of hydrogen will ATCO be blending into the system in the Fort Saskatchewan Blending project? Hint: Answer in video and infographic ([ATCO.com/hydrogen](#))**

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# ATCO SAFETY SCAVENGER HUNT

## Damage Prevention

gas.ATCO.com > Safety > Digging Safely

What are the three steps you need to do when starting an outdoor project?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

How much does it cost to get your underground utilities marked?

How long are the markings valid for?

What are the consequences of hitting a natural gas line?

What do you do if you hit an underground natural gas line?

## Carbon Monoxide (CO) Safety

gas.ATCO.com > Safety > Carbon Monoxide > Overview

What is CO?

Where does CO come from?

What are some of the symptoms of CO poisoning?

How many languages is the ATCO CO Safety Checklist produced in?

How often should batteries in your CO alarm be replaced?

# ENTER FOR YOUR CHANCE TO WIN A PIZZA PARTY FOR YOUR CLASS!

School Name:

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School Address:

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City:

Postal code:

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Teacher's name:

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Complete the form and have your teacher send it to  
**[community@atco.com](mailto:community@atco.com)**