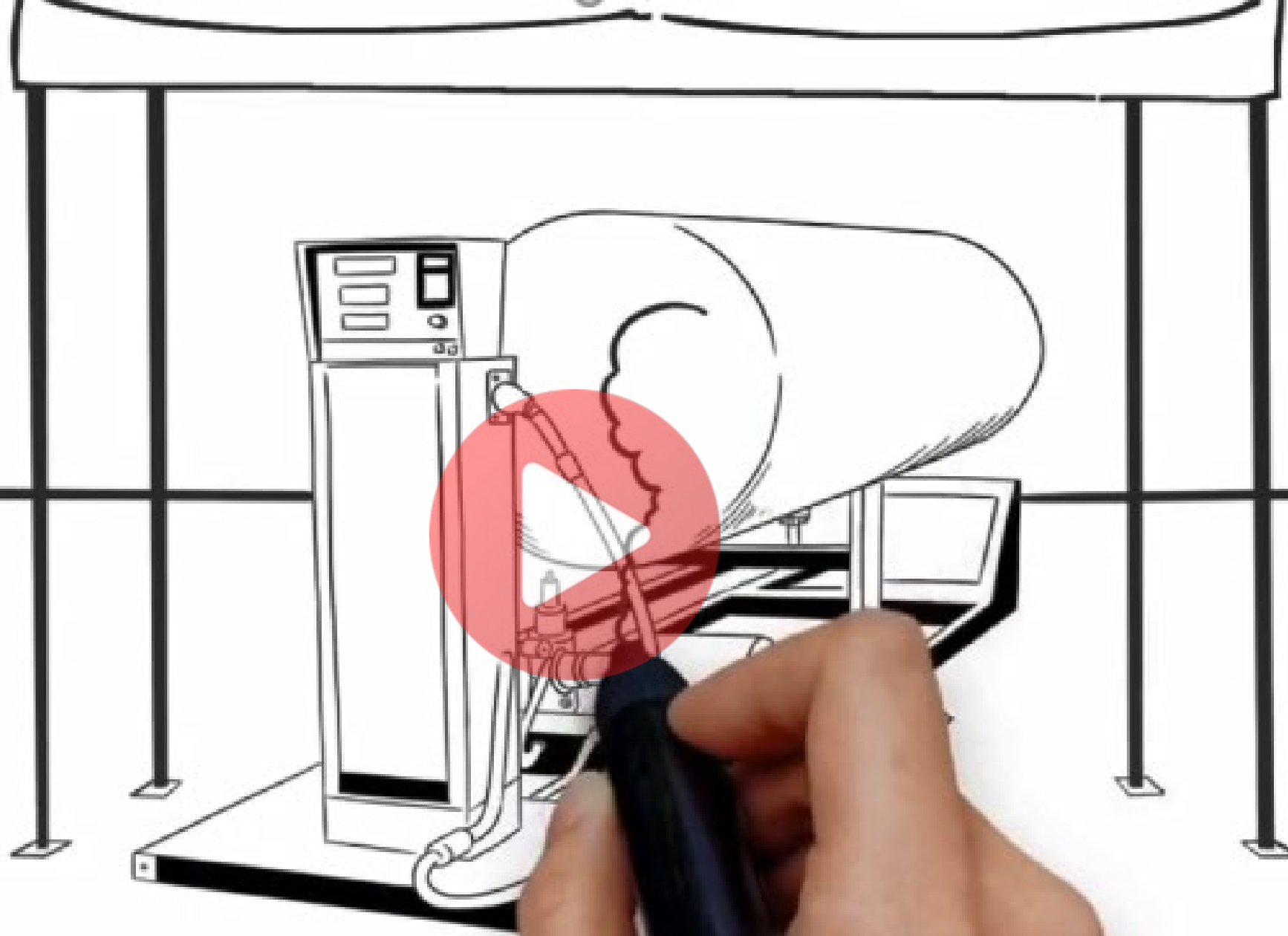




Dispensing Propane Safely

Uncontrolled Propane Release and Fires





Scenario

Select the best answer

Close the propane emergency shutoff valve (ESV) and turn off the electrical supply.

Tell the customers to evacuate away from the area.

Move away from the leak area and call 911 even if the leak stops right away.



Scenario

Close the propane emergency shutoff valve (ESV) and turn off the electrical supply.

This is the worst choice.

You don't need to call 911 if a small propane leak is stopped right away by closing a valve. However, if you don't feel safe there's no harm in making this call, but be sure you do it away from the leak area.

Try Again



Scenario

Tell the customers to evacuate away from the area.

Not the best choice.

You want to close the emergency shut off valve, but you need to get the customers away first.

Try Again



Scenario

Move away from the leak area and call 911 even if the leak stops right away.

This is the best choice.

You want to close the emergency shut off valve, but you need to get the customers away first.



Continuing the scene

Select the best answer

Close the propane emergency shut off valve.

Call 911.

Turn off the electrical supply.



Continuing the scene

Close the propane emergency shut off valve.

This is the worst choice.

You would want to close the propane ESV before the electrical shut off.

Try Again



Continuing the scene

Call 911.

Not the best choice.

If it is not safe to get to the ESV, call 911 to get assistance.

Try Again



Continuing the scene

Turn off the electrical supply.

This is the best choice.

Ideally this will stop the uncontrolled release of propane.



When you might experience an uncontrolled release of propane:

- Overfilling a cylinder
- Valve that won't close
- Punctured or damaged hose



1. Take Action - Evacuate

Move upwind:
330 feet = 110 yards =
over a football field

Large uncontrolled
release = 1 mile away



2. Be aware of your surroundings



3. Get help

Able to stop propane release

- Notify your Supervisor

Unable to stop uncontrolled release

- Call 911
- Your name
- Your company name
- Location of the uncontrolled propane release
- Your contact information
- Any other information: kind of container, size of container, if anyone has been injured
- Notify your supervisor



Responding to the uncontrolled propane release

Do not re-enter the area around the propane leak.

Do not endanger yourself or others.

Wait for **emergency responders**.

Emergency responders include firefighters, HazMat crews, and emergency medical technicians. They are specially trained to provide resources for fire suppression, medical triage, and coordinate response efforts.

Summary

Handle an emergency in an efficient and safe manner to minimize potential risks.

You should never attempt to respond to any emergency unless you have been properly trained to do so.

Evacuate the area, be aware of your surroundings, and call for help.

Prevention Strategies

Inspect the hoses, valves, cylinders, or tanks being filled.



Ensuring safety during an uncontrolled propane release



Review: Take the Quiz

Multiple Choice

In the event of an uncontrolled propane leak or fire, what should you do?

Select ALL that apply.

- Shut down the dispenser, if safe to do so.
- Evacuate the area immediately.
- Call for help.

Multiple Choice

In the event of an uncontrolled propane leak or fire, what should you do?

Select ALL that apply.

- Shut down the dispenser, if safe to do so.
- Evacuate the area immediately.
- Call for help.

Multiple Choice

What might be causes of an uncontrolled release of propane?

Select ALL that apply.

Damaged container component

Piping failure

Damaged hose

Broken valve

Multiple Choice

What might be causes of an uncontrolled release of propane?

Select ALL that apply.

Damaged container component

Piping failure

Damaged hose

Broken valve

Multiple Choice

What is the FIRST thing you should do in the event of an uncontrolled release at a propane dispenser?

- Call 911.
- Evacuate customers.
- Shut off the propane.
- Shut off the electrical system.

Multiple Choice

What is the FIRST thing you should do in the event of an uncontrolled release at a propane dispenser?

- Call 911.
- Evacuate customers.
- Shut off the propane.
- Shut off the electrical system.

Multiple Choice

How do you decide which direction to evacuate during an uncontrolled propane release?

- Get above the propane release, like on a hill.
- Go to the largest open area, like a parking lot.
- Go to the nearest building, like the service center.
- Upwind from the propane release.

Multiple Choice

How do you decide which direction to evacuate during an uncontrolled propane release?

- Get above the propane release, like on a hill.
- Go to the largest open area, like a parking lot.
- Go to the nearest building, like the service center.
- Upwind from the propane release.

Multiple Choice

What's the minimum distance to evacuate in the event of an uncontrolled propane release?

- 30 feet
- 130 feet
- 330 feet
- 5,280 feet (1 mile)

Multiple Choice

What's the minimum distance to evacuate in the event of an uncontrolled propane release?

30 feet

130 feet

330 feet

5,280 feet (1 mile)

Multiple Choice

What do you need to tell the 911 operator about an uncontrolled propane release?

Select ALL that apply.

- Your name
- Your boss's name
- Your location
- Description of any injuries

Multiple Choice

What do you need to tell the 911 operator about an uncontrolled propane release?

Select ALL that apply.

Your name

Your boss's name

Your location

Description of any injuries