



CASA | ACSA
CANADIAN AGRICULTURAL SAFETY ASSOCIATION
ASSOCIATION CANADIENNE DE SÉCURITÉ AGRICOLE

FiAR Fire Extinguisher Training Simulator

Please report any damaged or missing parts to CASA at your earliest convenience.

Instructions

Reception and Assembly:

1. Unlock the case using the combination provided via email or text message.
2. Ensure that the case contains:
 - a. 1 electronic fire extinguisher (adjustable arm attached)
 - b. 1 iPad
 - c. 1 iPad charger (white)
 - d. Red box with Operator's Manual, 4 tokens (QR codes), charger (black), and bag of spare pins
3. Use the appropriate chargers to charge the extinguisher and iPad.
4. Loosen joint knobs on the adjustable arm.
5. Attach iPad to magnetic connector at end of adjustable arm and turn knob to secure to arm.
6. Tighten joint knobs on adjustable arm to set iPad to a comfortable viewing position when holding the extinguisher. **Note:** This assembled unit is somewhat top-heavy so ensure that it is set down in a fashion so that it will not fall over and get damaged. Children must be closely supervised by a coordinator or responsible person when using this unit.

Setup for Training/Demonstration:

1. Open the red box and select the desired QR code. The letter on the QR code represents the type of fire:
 - a. Class A – Combustibles such as wood or paper
 - b. Class B – Gaseous and liquid materials such as oil
 - c. Class C – Electrical fires, often a result of circuit breaks
 - d. Class D – Metals such as sodium, magnesium, and titanium (not included in this kit)
 - e. Class K – Cooking oils such as vegetable oils or animal fats
2. Place the selected QR code in location where you want to simulate a fire. Note that it has a magnetic backing to secure to metal surfaces and does not need to be placed at ground level.
3. Turn on power to extinguisher by holding the red button for 3 seconds. A red light should turn on as a power indicator.
4. Turn on the power for the iPad, the password is CASA22.
5. Select the red FiAR icon to open the FiAR application.
6. Select Quick Start from the menu.
7. Select the Connect button (FiAR_E596).



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Training/Demonstration:

Follow the instructions on-screen:

1. “Looking for FiAR token to begin fire” – place token (QR code) in red viewfinder on the iPad screen.
2. “Stand clear of the fire zone” – point towards and back away from the token (QR code) until the screen changes.
3. Select the red flame icon at the bottom of the screen.
4. You should see the simulated fire start on the iPad screen.
5. Select the extinguisher icon and choose the appropriate type of extinguisher for the type of fire (as mentioned above).
6. Use the PASS method to extinguish the fire:
 - a. Pull the pin from the extinguisher
 - b. Aim at the base of the fire
 - c. Squeeze the trigger/handle. You will see a simulated spray towards the fire.
 - d. Sweep left to right while pointing at the base of the fire.
7. Back away from the fire once it is extinguished.
8. You will get a pass or fail based on how the fire is extinguished.
9. Replace pin into extinguisher.
10. Select “Scan new token” or “Restart” to continue with the next simulation or “Close” to go to the main menu.