

# Course: **Advanced Firefighting**

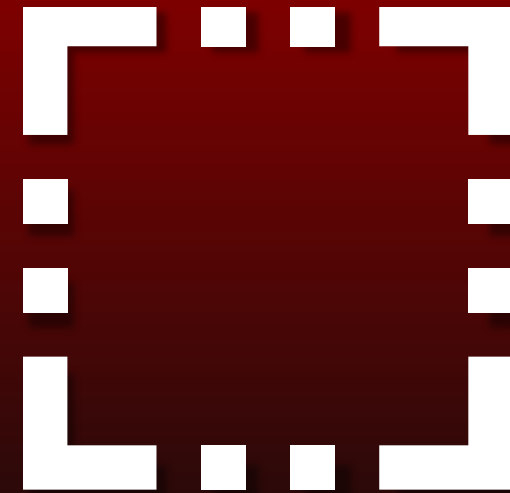
## Module: A-4 – Breathing apparatus

### Unit: A-4-4 – Usage

# Unit outline

In this unit the following topics will be discussed:

- Interspiro Spiromatic breathing apparatus preparation and usage



# Learning objectives

Upon completing this unit the trainees should be able to ...

- 🏠 Describe the preparation checks and usage of the Interspiro Spiromatic breathing apparatus



# Preparation – checklist before use – visual

🛡️ Step 1: Remove helmet (if on)

🛡️ Step 2: Perform visual checks for damage

🛡️ Tanks

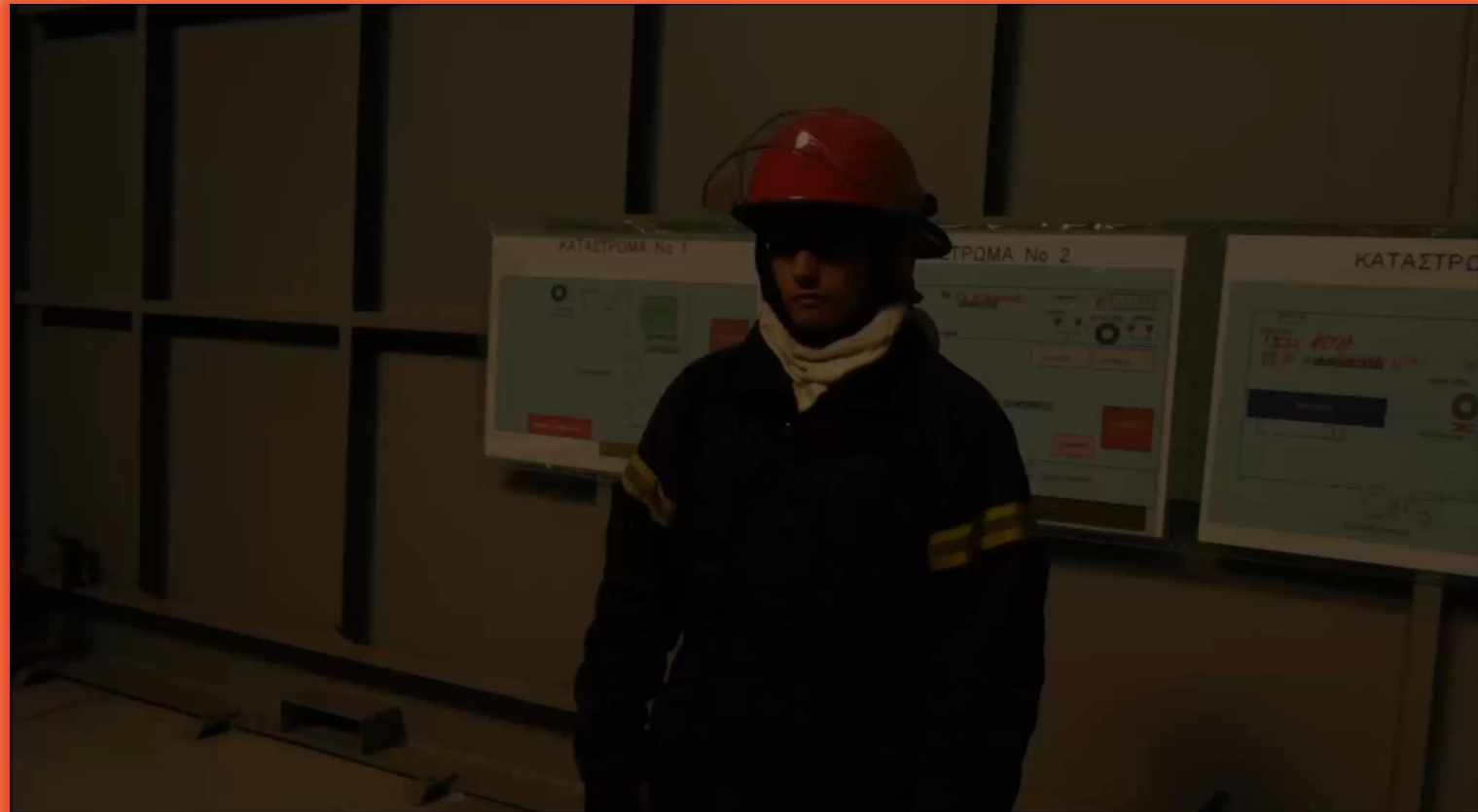
🛡️ Pipes

🛡️ Mask

🛡️ Connections

🛡️ Straps

🛡️ Pressure gauge



# Preparation – checklist before use – auditory

Step 3: Activate the apparatus by using the two vanes on the t- type connector

You should listen to the whistle sound from 0 – 50 bar

Step 4: Check the pressure gauge

The apparatus is safe to use if pressure is above 160 bar



# Gearing up

- 🛡️ Step 1: Place the apparatus on your back
- 🛡️ Step 2: Flex the shoulder and waist straps
  - 🛡️ Keeping clear of the mask
- 🛡️ Step 3: Tighten the loose ends from the straps
  - 🛡️ Potentially they could get you trapped inside the burning compartment



# Gearing up

- 🛡️ Step 4: Put your mask on
  - 🛡️ By holding it with one hand and dragging the mask straps backwards with the other
  - 🛡️ Make sure you drag the straps in a parallel motion to avoid tearing them
    - 🛡️ For now you are breathing atmospheric air
- 🛡️ Step 5: Press the nose valve downwards
  - 🛡️ This will start circulation of air coming from the tanks



# Gearing up

Step 6: Put your anti flash hood on

- Make sure you avoid touching the strap mechanism and loosen the mask straps

- Make sure you cover all your head and leave nothing unprotected

Step 7: Put your helmet and your gloves on





# Ungear

- 🛡️ Step 1: Remove the gloves and the helmet
- 🛡️ Step 2: Lower the anti flash hood
- 🛡️ Step 3: Loosen the straps and remove the mask
- 🛡️ Step 4: Loosen the shoulder and waist straps
- 🛡️ Step 5: Remove the device and the mask
- 🛡️ Step 6: Turn off the vanes



# Unit summary

In this unit we have discussed about ...

🛡️ Interspiro Spiromatic breathing apparatus  
preparation and usage



# End of unit!

# Congratulations!

You have completed Unit A-4-4:  
Breathing Apparatus Usage!