AR FFT (Scenarios)

This application provides two fire simulation scenarios, namely an electric fire and a cooking oil fire. When the user targets one of these signs, useful instructions appear on the screen. They then have to find the next correct Sign according to the protocol followed. For example, the user knows that during an electric fire, switching off of the power switch precedes looking for a fire extinguisher to extinguish the fire. The same sequence must be followed in the simulation.

Signs are to be placed in the same manner in both scenarios. For instance, let's assume that the person in charge of education wants to simulate an electric fire. In this case, there is a specific protocol to follow. The marks need to be placed in the corresponding positions. For instance, the phone sign shoud be at an easily visible point near the phone or the mark of the electric switch on a distribution board etc.

After this, the simulation can begin. The trainee should initially detect the center of the fire by identifying the corresponding sign. After the user finds the right mark, instructions to follow are displayed. After successfully following the instructions, they should click the message to get the following one.

When following all the instructions correctly (i.e. all the steps for the phone have been performed), the user has to find the next correct point and follow the new instructions that appear. Finally, once the script has been completed, the protocol to deal with that particular fire has been successfully implemented.

At this point, we must emphasize that these applications act as complementary knowledge. Trainees should already know the protocol and, in a simulation environment, evaluate how quickly they can perform it. Further assessment coud be made based on the time required, the extend of damage due to the fire at the end of the scenario, or similar criteria.

Installation of the application

In order to install the application, you must visit the NAFTES training platform, at https://etraining.naftes.eu/ and from there download the **AR FFT Scenario** application.

In addition, you need to print the marks listed in this file for the corresponding application and place them in bright spots near the equipment they describe.

For the first scenario (fire on an electrical circuit), you need to print the marks 1-4 and 10. The order in which the marks are to be placed is as listed in this file. The signs should be placed in the area of

interest, i.e. the phone sign next to the phone, the fire extinguisher next to the actual fire extinguisher, etc. It is emphasized that the mark 1 is always in the place of the center of fire .

For the second scenario (fire in cooking fats) all the signs must be printed. Again the order remains the same and you have to place the marks on the right points of interest. We repeat that mark 1 is always in the center of fire.
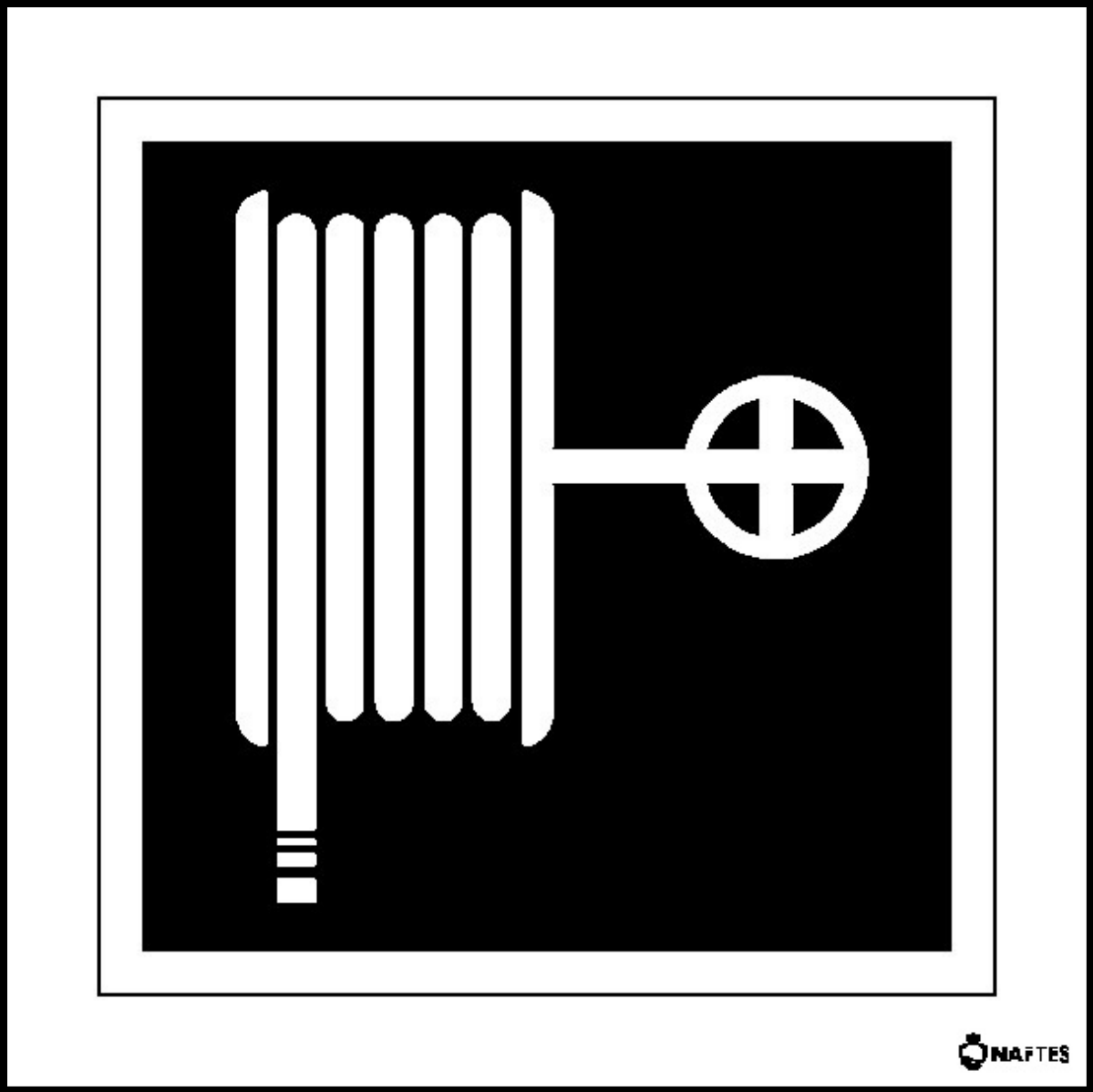
1. FIRE SIGN

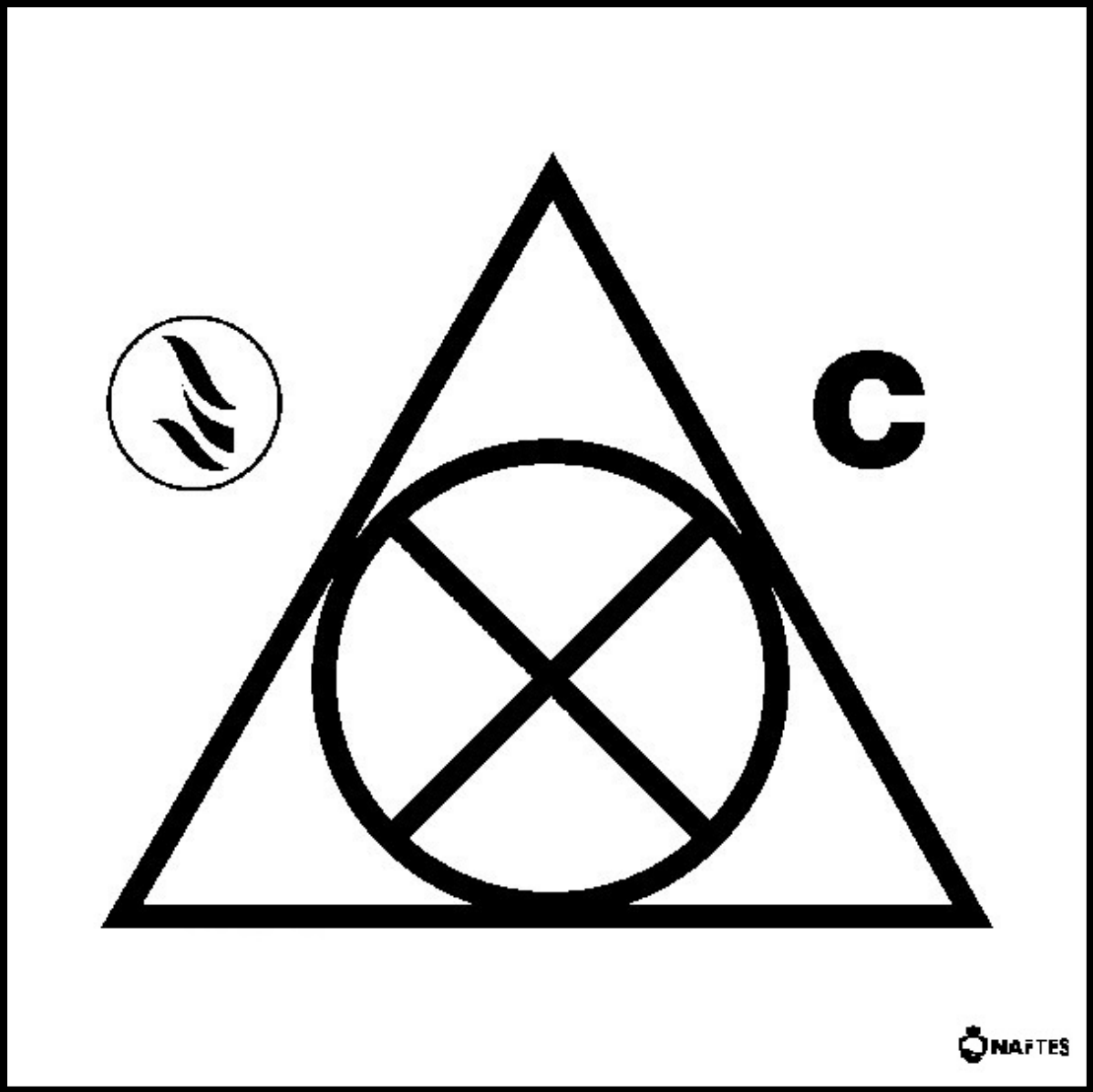2. TELEPHONE SIGN

Danger
Electrical
hazard

3. POWER RELAY SIGN
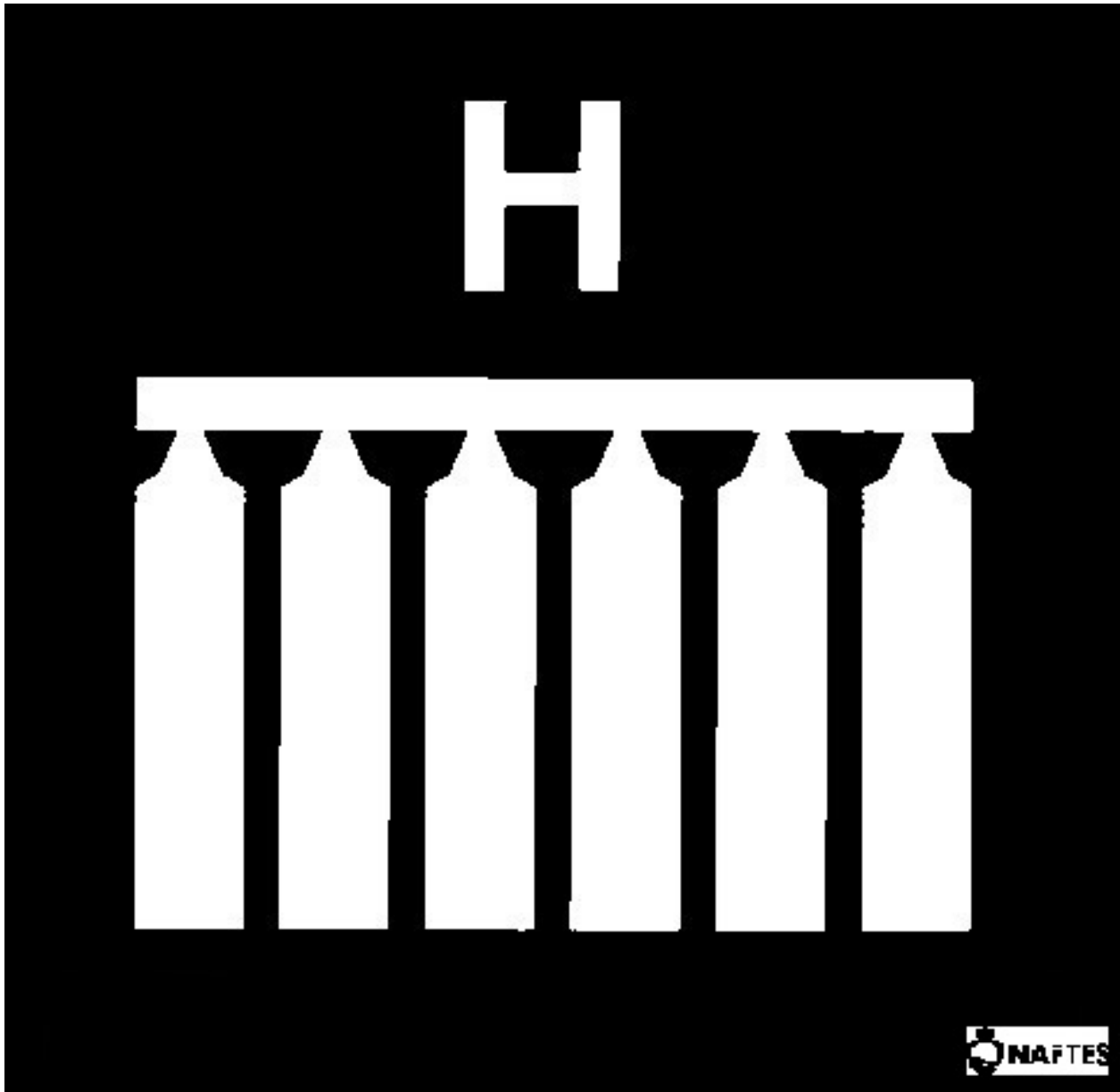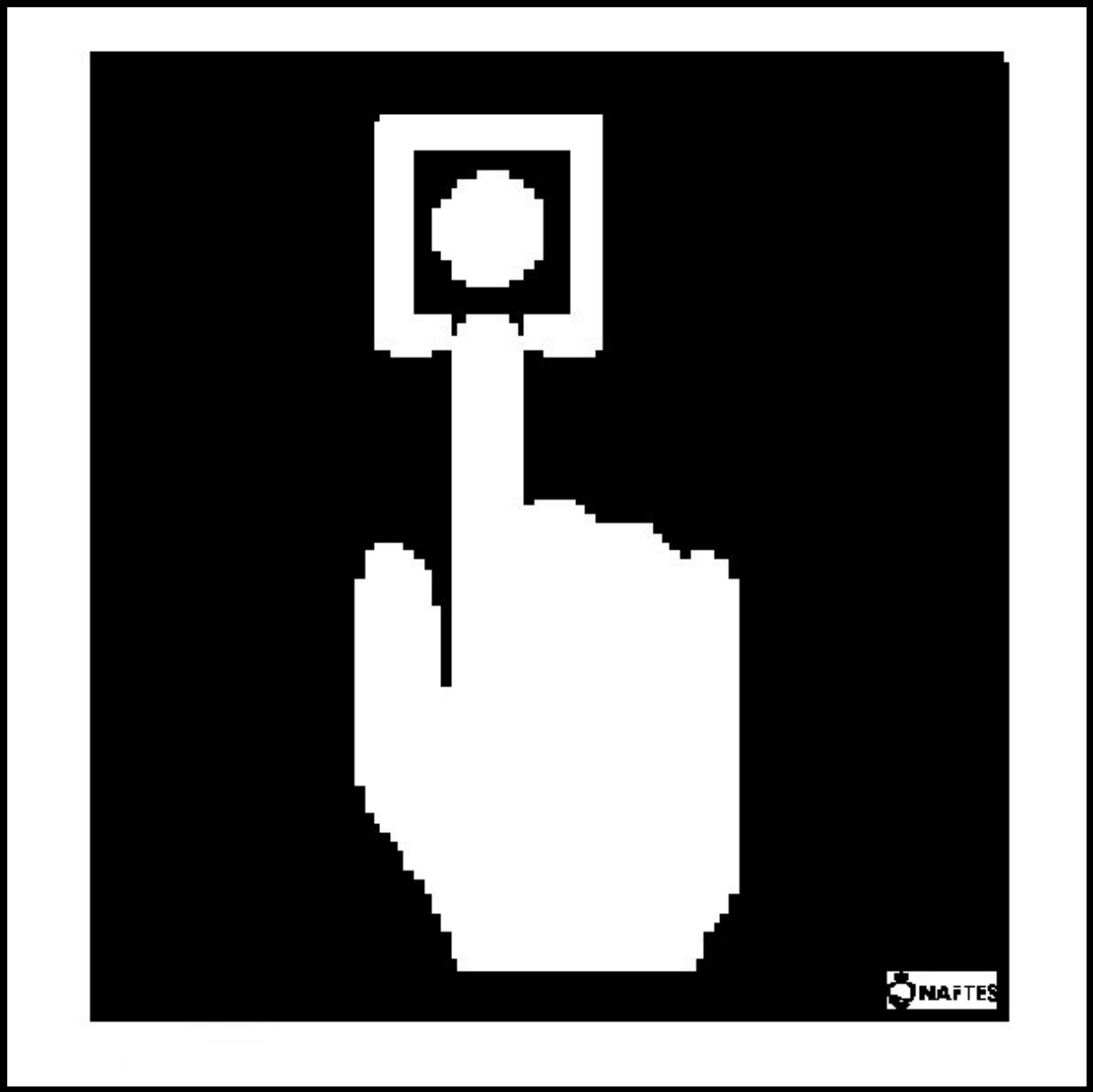
4. EXTINGUISHER SIGN

5.   HOSE SIGN

6. FLAP SIGN

7. FIRE BLANKET SIGN

8. HALON SYSTEM

9. BUTTON SIGN

10. COMPARTMENT EXIT DOOR SIGN