

# EUROPASS CERTIFICATE SUPPLEMENT

## TITLE OF THE DIPLOMA (ES)

*Técnico en Emergencias y Protección Civil*

## TRANSLATED TITLE OF THE DIPLOMA (EN)<sup>(1)</sup>

*Technician in Emergencies and Civil Protection*

(1) This translation has no legal status.

## DIPLOMA DESCRIPTION

**The holder of this diploma will have acquired the General Competence with regard to:**

Operationally intervenes complying with safety regulations in case of emergencies caused by events or disasters caused by different risks (natural, man-made and technological), in both rural and forest settings as well as in urban environments, carrying out activities of control, mitigation and extinction of the agents causing the incidents mentioned (fire, high waters CBRN substances, among others), the rescue, salvage and attention as first intervener of the persons concerned and the emergency rehabilitation of the assets and the area concerned, keeping operational all intervention vehicles, equipment, machines and tools, as well as organizing the equipment and unities under his/her responsibility and contributing to the spreading and the compliance of the principles and standards of civil protection, applying the existing rules in terms of inspection and the plans of autoprotection for buildings and industrial facilities.

**Within this framework, the PROFESSIONAL MODULES and their respective LEARNING OUTCOMES acquired by the holder are listed below:**

### “Maintenance and verification of the functioning of the material means used in fire risk prevention and emergencies”

The holder:

- Prepares and sets up the functioning of personal protection equipment, according to the type of intervention and confirming the lack of defects and breakdowns and applying the protocols of safe placement.
- Prepares and maintains the equipment of self-contained breathing equipment, verifying its functioning by means of verifications.
- Prepares and maintains the equipment and tools used in the interventions, verifying the proper functioning and operationally, according to the safety standards.
- Maintains and checks the condition and operationally of emergency vehicles, according to benefits and the type of service, verifying it's operationally and the functioning of the security measures.
- Checks the amount of emergency vehicles, verifying that they comply with security measures and their assembly and abutment, according to the type of vehicle.
- Carries out the maintenance of the infrastructures for the prevention and extinction of forest fires, preparing reports and inventories on the condition of the infrastructures and proposing improvements and cost estimate for their repair.
- Carries out the maintenance of the equipment and tools used to extinguish forest fires, checking its correct functioning and operationally, pursuant to security rules.

### “Operative supervision and intervention during forest fires”

The holder:

- Detects and informs on the risk or activity of forest fires, from fixed and movable control point, assessing the features of the terrain and the type and significance of the fire, from the information obtained by observing and by using technical means.
- Prepares the intervention in forest fires, verifying the condition and the operability of the material means necessary to control and extinct them and correctly applying the communication protocols within the frame of a coordinated operational programme.
- Organizes the transfer by land of the equipment to different locations of forest fires, placing the vehicles with safety and accuracy and defining de team's duties during the intervention, according to the defined plan of attack.
- Organizes the transport by helicopter to the place of the fire and organizes as well the work with aerial assets, supervising the manoeuvres of disembark of the human resources and the materials and the implementation of the coordination and communication protocols during the development of the intervention, with the mentioned means.
- In situ coordinates the operative intervention of the equipment during simulated forest fires, applying the defined intervention techniques and assessing the needs arising from the evolution of the fire.

### “Operative intervention for the extinction of urban fires”

The holder:

- Carries out the move to the place of the simulated urban fire, defining the duty of the team during the intervention and placing the vehicles with safety and accuracy, according to the defined plan of attack.
- Takes part in simulated urban fires, in presence of electricity, assessing the causes and the possible risks for the intervention, carrying out operations in a safety way and checking if, after the intervention, normality has been restored.
- Takes part in the control and extinction of indoors simulated fires, assessing the information obtained to define the access of participants and resources and the adaptation of the attack plan, safely applying the techniques and procedures and making it sure that the fire has been totally put out.
- Takes part in the control and extinction of simulated industrial fires, gathering technical information on the facilities and the potential risks, defining the intervention duties and the safety of the team, carrying out the operations in a safe way and making sure that the causes of the fire have been extinguished.
- Takes part in the control and extinction of simulated fires with the presence of dangerous substances, gathering technical information on the causes and the potential risks, defining the intervention duties and the security of the team, applying the suitable techniques and making it sure that the fire has been totally extinguished.
- Operationally takes part in simulated risks produced by dangerous substances and identifying the risks and the needs and executing the first plan of action to control the population and the environment, according to the procedures defined.
- Operationally takes part in the control and mitigation of simulated accidents caused by dangerous substances, making use of the available technical resources and applying the suitable techniques to each type of risk and taking part when restoring the normality.

#### **“Operative intervention during events of natural, man-made or technological origin”**

The holder:

- Operationally takes part in collapsed structures, partially collapsed or with risk to collapse, as well as the collapsing of the group, assessing the harm caused and the potential risks during the intervention, defining the intervention and security protocols and accurately applying the intervention techniques.
- Operationally takes part in emergencies in power installations in buildings, roads or interurban area, gathering information on the features and the security measures of the installation, applying the techniques and procedures in a safe way and verifying the rehabilitation of the normal functioning conditions in the installation.
- Executes technical duties to support the population during simulated situations of risk for people, goods or the environment, that have arisen from intense storms, floods or similar events related to an uncontrolled aquatic environment, with the available means and the appropriate external support, making sure the compliance with the security standards applied to the persons concerned and the participants.
- Executes technical duties to support the population in situations of potential risk with the aim of reducing or annulling it totally, creating conditions similar to the ones previous to the event or giving support to recreate them.

#### **“Operative intervention in activities of rescue and salvage”**

The holder:

- Executes rescue and salvage operations at highs in case of different simulated happenings, making use of the appropriate materials, techniques and self-protection measures.
- Rescues persons stuck in lifts, elevators and closed spaces, identifying the effective and efficient types, techniques and procedures.
- Carries out rescue operations in simulated road accidents and other means of transport, applying the working techniques and procedures to free people trapped in vehicles, avoiding risks for the victims and for the professionals involved.
- Carries out rescue operations of people and objects in an aquatic environment, applying search methods of search and techniques of refloat and rescue.
- Carries out operations to locate and rescue people trapped, during simulated operations, in confined or open spaces, applying the appropriate techniques and procedures in the intervention zone and checking the security conditions developed on the supposedly affected persons and the professionals involved.

#### **“Inspection of establishments for the prevention of fires and emergencies”**

The holder:

- Checks the passive protection systems that exist in the establishments, events and installations inspected, relating their availability and sufficiency according to the security conditions for people.
- Checks the evacuation conditions for people in the establishments, events and installations inspected, verifying the arrangement and functioning and the compliance with the standards of the infrastructures, materials, systems and evacuation means, depending on the type of establishment or event and the people limit estimated or allowed
- Checks the active security systems existing in the inspected establishments, events and installations, verifying the location and operation of the security means, according the security standards established.
- Checks the accessibility, the housing conditions and the hydrant nets that exist in the establishments, events and installations inspected, depending on the type, assessing the conditions to access to the hydrant means and the trafficability of the emergency means to access roads.
- Checks that the planning of auto-protection and emergency, in the establishments, events and installations that have been inspected is correct according to the applicable legislation, according to the scope of the plan, making proposals to improve its implementation.

### **“Initial health care during emergency situations”**

The holder:

- Identifies the signs of vital compromise, relating them to the patient’s condition.
- Applies techniques of basic vital support, describing them and relating them to the objective to achieve.
- Applies criteria for the classification of victims, relating the resources available to the gravity and the survival probability.
- Classify the therapeutic actions in the attention to different victims, relating them to the main injuries, depending of the type of event.

### **“Psychological support in emergency situations”**

The holder:

- Identifies behaviour dysfunctions, analysing the basic principles of general psychology
- Applies first psychological aid in the event of an emergency of catastrophe, identifying the most suitable technique in each crisis situation.
- Applies psychological support techniques oriented to intervention teams, relating them to their psychological reactions.
- Applies communication techniques during the whole process, using different types of language and listening in different scenarios.

### **“Teams and emergency units coordination”**

The holder:

- Takes part in the preparation and execution of exercises and simulations, carrying out the defined functions and verifying the suitability of the material and human resources that he/she has been entrusted.
- Takes part in the development of informative and formative of emergencies and civil protection, applying revitalization techniques in activities, assessing their development and result.
- Supervises the activities and communication centres or emergency operation rooms, defining the organization of the human resources and assessing the application of communication protocols, according to the type of centre.
- Coordinates the emergency works, analysing information on operative interventions in emergency and plans of civil protection, defining intervention procedures according to the risks detected.
- Supervises the activities and the functioning of emergency centres (fire stations, rescue base and healthcare, centre for forestry defence among others), analysing the organisational models established, the suitable security standard and the type of services and interventions that have allegedly been carried out.

### **“Professional Training and Guidance”**

The holder:

- Selects job opportunities, identifying the different possibilities of labour integration, and the alternatives of lifelong learning.
- Applies teamwork strategies, assessing their effectiveness and efficiency on the achievement of the company’s goals.
- Exercises rights and complies with the duties derived from labour relationships, recognising them in the different job contracts.
- Determines the protective action of the Spanish Health Service in view of the different covered eventualities, identifying the different types of assistance.
- Assesses risks derived from his/her activity, analysing job conditions and risk factors present in his/her labour setting.
- Participates in the development of a risk prevention plan in a small enterprise, identifying the responsibilities of all agents involved.
- Applies protection and prevention measures, analysing risk situations in the labour setting of the Technician in Emergencies and Civil Protection.

### **“Business and Entrepreneurial Initiative”**

The holder:

- Recognises skills related to entrepreneurial initiative, analysing the requirements derived from job positions and business activities.
- Defines the opportunity of creating a small enterprise, assessing the impact on the performance setting and incorporating ethic values.
- Carries out the activities for the setting-up and implementation of a company, choosing the legal structure and identifying the associated legal obligations.
- Carries out basic administrative and financial management activities of an SME, identifying the main accounting and tax obligations and filling in documentation.

## “On the Job training”

The holder:

- Identifies the company structure and organization, relating both to the type of service provided.
- Applies ethic and labour habits in the development of his/her professional activity, according to the features of the job and to the procedures established by the company.
- Takes part in activities to control, mitigate and extinguish forest and urban fires. He/she also takes part in the organization of the material and human resources under his/her responsibility and adapting himself/herself to the circumstances of the intervention and the level of the fire.
- Takes part in natural, technological and man-made incidents, preparing and mobilizing resources, applying techniques and procedures in a safe way and assessing the suitability of the activities developed.
- Takes part in rescue operations and people rescue, taking part in the analysis of the intervention procedures and means, applying techniques in a safe way and verifying the suitability of the procedures during the attention to casualties and injured persons.
- Collaborates in the management of equipment and units, defining, at the corresponding level, the organization criteria for human resources, executing maintenance activities in vehicles and tools and taking part in the inspection works of auto protection plans and drafting reports of the risks and the developed interventions.

## RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA

The Technician in Emergencies and Civil Protection works in the service sector of prevention and extinction of forest fires and support during eventualities in the rural and natural environment and Civil Protection, as well as in public services (state, local and autonomic) of emergency response and fire departments, developing his/her activity as dependent employee of the public administrations or in private companies devoted to agroforestry and environmental work, in fire services devoted to fire prevention and to the maintenance throughout the national territory, and in industrial sectors devoted to the production, distribution, manufacture and storage of hazardous products and substances, being able to carry out international collaboration actions.

The most relevant occupations or jobs are the following:

- Foreman/ person in charge for forest fires suppression.
- Forest fire fighter
- Forest fires guard
- Fire-fighter in municipal services
- Fire-fighter in provincial services
- Technician in emergencies of Public Force Institutions
- Fire fighter and other services in govern entities, among others
- Fire fighter in airports
- Fire fighter of private companies
- Fire fighter in autonomous community services
- Fire fighter in audit services
- Fire fighter in consortium service

## AWARD, ACCREDITATION AND LEVEL OF THE DIPLOMA

**Name of the body awarding the diploma on behalf of the King of Spain:** Spanish Ministry of Education or the different Autonomous Communities according to their areas of competence. The title has academic and professional validity throughout Spain.

**Official duration of the education/ training leading to the diploma:** 2000 hours.

**Level of the diploma (national or international)**

- NATIONAL: Post-Compulsory Secondary Education
- INTERNATIONAL:
  - Level 3 of the International Standard Classification of Education (ISCED3).
  - Level 4A of the European Qualifications Framework (EQF4).

**Entry requirements:** Holding the Certificate in Compulsory Secondary Education or holding the corresponding access test.

**Access to next level of education/training:** This diploma may provide access to Higher Technical Cycles provided that an entrance exam is passed.

**Legal basis:** Basic regulation according to which the diploma is established:

- Minimum teaching requirements established by the State: Royal Decree 907/2013, of 22 of November according to which the diploma of Technician in Emergencies and Civil Protection and its corresponding minimum teaching requirements are established.

**Explanatory note:** This document is designed to provide additional information about the specified diploma and does not have any legal status in itself. An Annex I may be added and will be filled in by the corresponding Autonomous Community

## INFORMATION ABOUT THE EDUCATION SYSTEM

