



# Training



Thanks to its rich operational experience and relying on a network of EOD, IED, BCMD experts and trainers, Geomines offers a wide range of international training courses designed for Defence and Security Forces. The courses cover both the field of conventional demining and Improvised Explosive Devices (IEDs).

All the training courses delivered by Geomines are based on international standards.

## Basic training

### EOD

#### EOD 1

Level 1 qualification enables trainees to locate, expose and to destroy on site, when possible, single items of mines, as well as specific ERW for which they have received dedicated training sessions; thus Level One operators may be licensed to destroy only specific items of ordnance.

#### EOD 2

Level 2 qualification enables its holder to determine under which circumstances it is safe to move and transport munitions and to conduct the simultaneous disposal of multiple items of ordnance using line mains or ring mains. This qualification extends only to mines and specific ERW for which the holder has attended dedicated training sessions.

#### EOD 3

Level 3 qualification enables its holder to implement safety procedures and to proceed to the final disposal of a wide range of specific types of explosive ordnance for which the holder has attended dedicated training sessions.

### IEDD

#### Level 1

##### Reconnaissance of improvised explosive devices (IEDs)

The level 1 training in the fight against IED corresponds to a module of identification of IED. It aims at improving global threat understanding and identify the appropriate security rules and behavior to adopt when facing suspicious devices. This module is broken down into theoretical and practical approaches. Trainees also receive an introduction to the identification of conventional devices (mines, grenades, shells), as these munitions are often used to create IEDs. Indeed, the effect of IEDs and safety radii are calculated according to the standards associated to those munitions.

#### Level 2

##### Approach, securing and destruction of IEDs

Level 2 IED training corresponds to an intervention module on IEDs. This module aims at training specialists to neutralise, remove and destroy all types of improvised explosive devices (packages, devices). This module also presents the basics of evidence collection, which helps gradually building dedicated IED databases.

#### Level 3

##### Approach and treatment of booby-trapped vehicles and corpses

Level 3 IED training is a module enabling deminers to intervene on complex IEDs, i.e. IEDs that can cause significant damage. This module helps trainees handle IED threats present in vehicles (VBIED) or under corpses (Human Bombs).



## Specialized trainings

### Counter IED

The purpose of this training is to raise the awareness of anyone who has to work in a hostile area, where the IED threat is present. This training, both theoretical and practical, will provide the basics of the fight against IEDs, through a knowledge of IEDs but also, and above all, the teaching of safeguard and protection measures to be implemented.

### Search and Detect

Geomines provides training courses covering the search and detection, including Explosive Ordnance Reconnaissance (EOR), from the most basic to the most expert type of trainees: Basic Search, Intermediate Search and Advanced Search.

The aim of this training is to provide the trainees with the skillsets to prepare and support the action of intervention teams, locate dangerous devices, specify the nature of the ammunition, search people or vehicles for site or itinerary protection, excavation of uninhabited buildings, dangerous environments, railways, etc.

### EOD breacher

The EOD breacher is an expert in dealing with threats and traps hindering the progress of a specialised task force during a high-profile action implying the use of force. Throughout the course, the trainees will learn about Basic IEDs, terrorist threat, thermobaric ammunition, suicide bombers, tactical progression in order to operate alone during force progression.

### Weapons and ammunition management

Several training courses are available to learn the trades of operator, manager or weapons management inspector. Additional courses also cover training sessions allowing trainees to become an ammunition operator, processor and accountant.

Other technical training courses are available in marking, cutting or tracing of small arms and light weapons (SALW).

The trainees will know how to handle and move weapons or ammunition as well as explosive materials, learn to manage all stages of ammunition use: reception, storage, distribution, inspection, maintenance and repair.

### EOD Clearance Diver

The course allows trainees to dive to a depth of -35m without any decompression stops (diving tank, rebreather etc.). The aim of the course is for trainees to learn how to search, identify and neutralise explosive devices, as well as to carry out underwater work (welding, assembly and cutting of metal structures, clearing of port accesses) at sea and in ports in special environmental conditions (current, low to zero visibility...).

Geomines can provide the appropriate equipment for these training courses to allow the trainees to operate in realistic conditions.



**GEOMINES**

Founded in 2002, Geomines is a french mine-clearance company specialized in geophysical survey and UXO clearance. We support our customers for the full range of UXO clearance-related needs, in France and abroad: land and underwater survey, land clearance, underwater clearance, excavation and drilling security, ammunitions stockpile management.

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