Examinering VOMES

Exam assignment: real-time detection (A)

Introduction

The real-time detection practical exam assignment includes the final and test assessment criteria relating to locating and approaching the OO and recognising it by main type of explosive ordnance. The real-time detection practical exam consists of one of the following assignments:

A1 Performing a surface detection with a magnetometer
A2 Performing a surface detection with a metal detector

Prior to the practical exam, one of the two assignments is selected by the lead examiner. This will be noted on the assignment form (see appendix). In both cases, the following assignment must be performed.

Examination assignments A1 and A2

The candidate will perform a surface detection on a measuring field of 5 x 20 meters. Subject name is 001. During the execution of your assignment, one of the examiners will act as (Senior) OO expert if necessary.

Prepare the detector for use. Switch off the measuring field and search the location for the presence of OO, with the exception of KKM, by means of real-time detection. The track width is 0.50 m for the magnetometer. If you use the metal detector, you determine the suitable track width yourself. Set the detector to the most sensitive position for the site. Report to the examiner whether (visual) disturbing factors and / or (non-removable) objects have been observed. Also give your advice on how to deal with these factors and objects. Report the significant results to the examiner and mark them with a picket. Based on this, find the location of the OO. Locate (location and depth) the OO first using real-time detection and then by puncturing. Then approach the OO by excavating in layers until it is observed. Report this to the examiner, who will further dig the OO freely. Then report the main type of the OO to the examiner. The examiner then removes the OO. Then complete your assignment and then hand the completed fieldwork registration form to the examiner.

Detector and accessories

The candidate must provide him/herself with detectors suitable for the assignment. The following accessories are made available to the candidate:

- Assignment form, including fieldwork registration form and drawing.
- Pen, measuring tape, ropes, pickets, hammer, jalons, shovel and scoop.

Duration

One hour is available for assignments A1 or A2

The candidate has passed the relevant practical examination assignment if:
• the number of criteria with an insufficiently assessed criteria is less than or equal to 4;
• no **KO** has been scored.

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Exam assignment: non-realtime detection (C)

Introduction
The non real-time detection practical exam consists of one of the following assignments:
C1 Performing a non-real time surface detection with a magnetometer
C2 Performing a non-real-time depth detection with a magnetometer

Prior to the practical exam, one of the two assignments is selected by the lead examiner. This will be noted on the assignment form (see appendix).

Examination assignment C1: Surface detection with a magnetometer
The candidate must perform a surface detection on a detection field of 5 x 20 meters. Section code is 001. While performing your assignment, one of the examiners will act, where needed, as (Senior) OOO Expert.

Prepare the detector for use with a single sensor. Mark the detection field and perform a non-real-time surface detection. Report the examiner or (visual) disturbing factors
and / or (non-removable) objects have been detected. Also give your advice on how to deal with these factors and objects. The track width is 0.50 meter. Set the detector to the most sensitive position for the terrain. Hand over the collected data to the examiner together with the completed fieldwork registration form.

Examination assignment C2: depth detection with a magnetometer
The candidate must conduct a depth detection on a terrain on which bore holes have been installed. Section code is 002. The bore holes have a diameter of 9 cm. In accordance with the '90 Degree Method', bore holes are placed in 5 rows of 4 bore holes. The distance between bore holes is 2.5 meters and the row separation is 1.25 meters. Prepare the detector for use. Detect row 3 and 4 of this field by non real-time depth detection to a depth of 6 meters. Set the detector to the most sensitive position for the terrain. Hand over the collected data to the examiner together with the completed fieldwork registration form.

Detector and accessories
The candidate must provide him/herself with detectors suitable for the assignment as well as a PC with hardware and software for the detector. The following accessories are made available to the candidate:
- Assignment form, including fieldwork registration form and drawing.
- Pen, measuring tape, ropes, pickets, hammer, jalons.

Duration
One hour is available for assignment C1 or C2.

Cesure
The candidate pass the relevant practical exam assignment by:
- maximum failure of 4 of the assignment criteria;
- no **KO** score.