

CROMAC-CTDT Ltd.

CLUSTER MEMBER – CROMAC – Centre for testing, development and training Ltd.

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CROMAC-CTDT Ltd., was founded in 2003 in Sisak.

The Centre conducts:

- operative testing and operative evaluation of new technologies and methods; for mine fields detection; for reduction of mine suspected areas; and for detection of mines and UXO,
- introduction of advanced methods of decision support, determination of state of an area and increase in quality of spatial information.

According to the customers' requests and requirements CROMAC-CTDT Ltd. conducts education of work-site managers, team leaders, employees working on elaboration of demining projects and employees working in monitoring of demining operations. Furthermore, the Centre conducts training for all levels of mines and UXO disposal, and training of deminers on the use of metal detectors.

According to the customers' requests and requirements CROMAC-CTDT Ltd., through a special programme, conducts a preparation of managers in mine action for missions in foreign countries.



45011·HAA



Accreditation Certificate

According to HRN EN 45011:1998 for conducting certification of demining machines, metal detectors and mine detection dogs used in humanitarian demining activities

The Centre is accredited in accordance with the European norm HRN EN 45011:1998 for certification of demining machines, metal detectors, mine detection dogs, protective vests, prodders and helmets with visors.

At its own test-sites, the Centre provides to donors, manufacturers and end-users testing of demining machines, mine detection dogs and techniques of mine and unexploded ordnances (UXO) detection. The Centre disposes with three test-sites:

1 Test-site Cerovac

- Performance and survivability testing and certification of demining machines (three test lanes with different types of soil in accordance with CWA 15044)
- Testing and certification of mine detection dogs and handlers
- Conformity verification of metal detectors
- Training of deminers on the use of metal detectors

2 Test-site Benkovac

- Testing of hand-held mine detection systems and vehicle-mounted systems (MD, GPR, dual sensors)
- Training of deminers on the use of metal detectors

3 Test-site Škabrnja

- Testing of biosensors and vapour sensors
- Testing and certification of demining machines and mine detection dogs during winter





References:

- Reliability testing of metal detectors, in co-operation with BAM (German Federal Institute for Materials Research and Testing) 2003 and 2005.
- February and March 2006- testing of Japanese robot vehicles and dual sensors for mine detection (Mine Hunter Vehicle -MHV1 and MHV-2, Gryphon, ALIS)
- September 2006 - STEM D project - Systematic testing and evaluation of metal detectors, that are most represented in SE Europe in co-operation with BAM (German Federal Institute for Materials Research and Testing)
- October 2006: testing of scanner for demining in co-operation with Fraunhofer Institute, Germany, within HUMIN/MD project
- Multi-sensor airborne survey and monitoring system in emergencies and environment protection, from April 2007
- October 2007: - testing of Japanese robot vehicles and dual sensors for mine detection ALIS (Advanced Landmine Imaging System) and Gryphon + LAMDAR IV
- December 2007 - May 2008 - operative testing of ALIS in Quality Control
- Deployment of Decision Support System in Mine Suspected Area Reduction in co-operation with ITF, from February 2008
- Use of bees in demining - on-going project