



CHEMICAL, BIOLOGICAL AND RADIATION PROTECTION

Specialisation

- Detection, identification, analysis of CBRN agents / toxic and radioactive substances
- Qualified sampling methodology
- Decontamination
- Individual and collective protection against highly toxic substances with focus on militarily significant chemicals and radioactive substances
- Training of chemical specialists

Capabilities

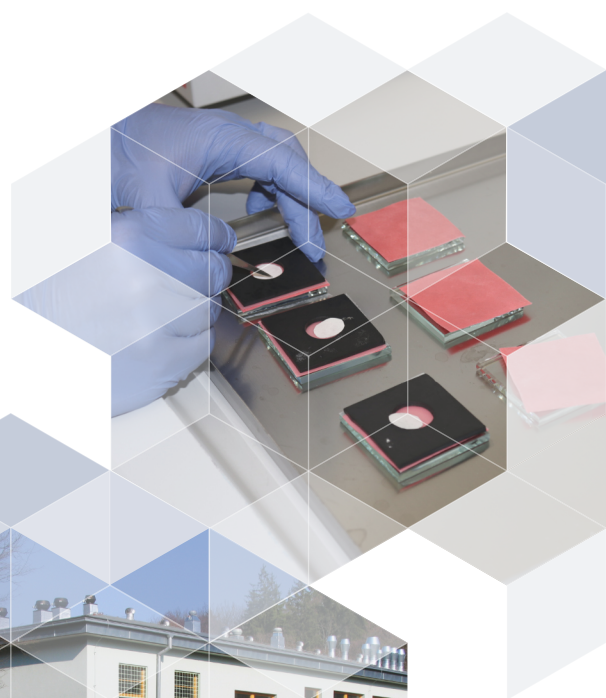
- Development and testing of means of detection and identification of CBRN agents
- Radiometry, gamma spectrometry
- Development of decontamination solutions and application means
- Persistence testing of highly toxic chemicals
- Development of isolation, filtration and sorption materials and protective equipment
- Integration of detection devices into reconnaissance and monitoring systems
- Automation and robotics in chemical, biological and radiation protection



- Special syntheses and analyses
- Expertise and technical support
- International cooperation
- Training of chemical specialists in the use of highly toxic chemicals at our own field (testing and training) site

Projects

- AL-2/CH – mobile field chemical laboratory
- AL-2/R – mobile field radiometric laboratory
- CBRNV-001 – kit for sampling of gaseous, liquid and solid matrices according to NATO AEP 66 standard
- CBRNT-001 – kit for transporting samples from gaseous, liquid and solid matrices to the mobile analytical laboratory
- S-LOV-CBRN – light armoured CBRN reconnaissance vehicle
- CHD-016 – high-sensitivity cholinesterase inhibitor-based detector for BCHL detection



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