

ANNOTATION

Options for improving the safety and health of security forces

The object of this project are particular technical and management solutions of current health and safety risks that threatens to formations and units of AČR, important objects of critical infrastructure in public administration, private buildings and other security forces. The project is divided into two main sub-areas:

- Monitoring the occurrence of nanoparticles produced by different military techniques and assessment of possible health risks in selected workplaces of military units, where staff can be exposed to their exposure. The outcome of this part of project will be results of measured concentrations of nanoparticles, a questionnaire of physical health of employees and proposals to increase the health and safety of staff.
- Application of method of security audit in the evaluation of security systems of critical infrastructure in selected objects. The outcome will be the execution of safety audit in the protection of critical infrastructure in the ČR. The attention will be focused on the detection and identification of presence of explosive materials and combustion products in real time in selected objects. The security of monitored objects will be evaluated and a proposal of measures to increase their safety will be made.