

ZAŠTITA KRITIČNE INFRASTRUKTURE SA STANOVIŠTA TEHNIČKIH STANDARDA

CRITICAL INFRASTRUCTURE PROTECTION FROM THE VIEW OF TECHNICAL STANDARDS

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Summary

Protection of critical infrastructure is an important issue of modern civilization. Critical infrastructure systems include facilities and assets publicly or privately owned which are so vital that their destruction or incapacitation would disrupt the security, economy, safety, health, or welfare of the public. In the European conditions, they usually include from six to ten sectors. Transportation systems, energy and information networks belong to the very important sectors. At present, in the Slovakia Republic, the attention is given especially to the sectors of transportation and energy. In the last years the researchers of the Faculty of Special engineering of the University of Zilina participate in the research project focused on the issues of the critical infrastructure protection in transportation sector. There was also accredited study program Security and Protection of Critical Infrastructure for the bachelor and master degrees.

In the paper the authors are dealing with protection of critical infrastructure objects in the context of the technical standards. They include especially standards related to the risk management and quality management (ISO 31000:2009, ISO 9001:2008, ISO/IEC 27001). In the paper there are published partial results of the research oriented on the effect of implementation of the above mentioned standards on the situation in critical infrastructure protection.

Keywords: transportation, infrastructure, conditions, standards, degrees

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