

THE ROLE OF TECHNICAL REGULATIONS IN ORGANIZING SAFE ROAD TRAFFIC

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Abstract: This study delves into the pivotal role that technical regulations play in ensuring the safety of road traffic. As road networks become increasingly complex and diverse, the need for comprehensive and effective technical regulations becomes paramount. The research explores the development, implementation, and impact of these regulations in creating an organized and secure environment for road users.

Keywords: Technical regulations, Road traffic organization, Safety standards
Road safety, Transportation regulations, Traffic management, International standards

Drawing on international standards and practices, the study emphasizes the importance of aligning with established norms to enhance road safety. The analysis also considers the challenges and opportunities associated with the enforcement of technical regulations, including the defined periods and conditions for implementation. Furthermore, the study highlights the crucial relationship between technical regulations and various aspects of road safety, such as vehicle specifications, road design, traffic signals, and driver behavior. By understanding the significance of technical regulations, policymakers, regulatory bodies, and stakeholders can contribute to the continuous improvement of road safety measures and ensure a safer transportation infrastructure for all [1].

In the organization of safe road traffic, the development of general or specific technical regulations is considered essential. The utilization of international standards is necessary for the development of general or specific technical regulations. It is crucial to fully align current practices with international standards and make extensive use of national standards when developing technical regulation drafts.

Consideration should be given to the period and conditions for the implementation of technical regulations, as well as the timing and terms associated with the introduction of the regulations and the production of the goods [2]. Issues related to the implementation of technical regulations and other conditions for their application may also be specified in technical regulations or accompanying normative legal documents that have been approved.

Methodological recommendations for the application of technical regulations. Manufacturers of technical regulations develop methodological recommendations for the application of technical regulations within a specified timeframe. These recommendations elaborate on the rules outlined in the technical regulations, ensuring a clear understanding and facilitating the effective implementation of these regulations. Methodological recommendations for the application of technical regulations are officially published on the websites of authorized state regulatory bodies that have approved the relevant methodological recommendations, starting from the date of their official confirmation [3].

Normative documents in the field of technical regulation are developed by the State Fund of Standards under the Institute of Standardization, as well as by other authorized state bodies within their competence in the field of technical regulation. Normative documents in the field of technical regulation encompass general and specific technical regulations, consolidating information about them. Specialized state bodies, and state authorities themselves, present their specially approved technical regulations to the State Fund of Standards using technical means by the established procedure.

The system for the development and implementation of normative documents in the field of technical regulation is determined by the Cabinet of Ministers of the Republic of Uzbekistan. Technical regulations specify requirements for the safety of products and services, including biological safety, mechanical safety, chemical safety, nuclear and radiation safety, fire safety, electrical safety, the use and disposal safety of machines and equipment, electromagnetic compatibility, construction

safety, safety in using buildings and structures, ecological safety, veterinary safety, industrial safety, transportation safety, information security, and methods for measuring and testing standardization [4].

The development of programs for creating technical regulations is carried out by the Agency for Standardization, Metrology, and Certification of the Republic of Uzbekistan, taking into account the proposals of other relevant state bodies and the coordination and direction of state and economic management bodies. Technical regulations are developed by the approved programs for the development of technical regulations. Manufacturers of technical regulations announce information about the development of technical regulations in the order established, determine the groups and types of products and services for which technical regulations are needed, evaluate compliance with the requirements specified in the technical regulations, adopt developed technical regulations, and ensure the freedom to use them. State bodies and economic management bodies submit general technical regulations for examination by technical regulatory bodies by the direction of their activities [5].

Technical regulatory bodies and state authorities submit specially approved technical regulations to the State Fund of Standards for expert examination based on the conclusion of a specialized expert commission in the field of technical regulation. General and special technical regulations are announced by the procedure established in the legal documents. In the development of technical regulations, national and international normative documents in the field of technical regulation specifying the safety zones of products and services are used. The Agency for Standardization, Metrology, and Certification of the Republic of Uzbekistan ensures the fulfillment of the obligations of normative legal acts of the Cabinet of Ministers of the Republic of Uzbekistan in organizing and ensuring the implementation of normative legal acts. The Agency, in the framework of its powers, develops and adopts the necessary measures to ensure the timely and proper execution of normative legal acts by ministries, state committees, and authorities, organizes and directs their activities, coordinates and directs the implementation of normative legal acts, and, if necessary,

submits proposals for improvement, taking into account the execution of normative legal acts on the application of the law. In the process of using normative legal acts, the Agency coordinates and organizes the work of other organizations, implements measures for the timely and proper execution of normative legal acts, ensures the preparation of normative legal acts for publication, organizes their printing, distribution, and storage, ensures the provision of information on normative legal acts to interested organizations, legal entities, and individuals, and provides legal protection for normative legal acts [6].

Local government bodies develop and ensure the implementation of normative legal acts on normative regulation and provide leadership in the field of technical regulation within their territories. Local government bodies in their areas, by the established procedure, develop and adopt the necessary measures for the timely and proper execution of normative legal acts by ministries, state committees, and authorities, organize and direct their activities, coordinate and direct the implementation of normative legal acts, and, if necessary, submit proposals for improvement, taking into account the execution of normative legal acts on the application of the law [7]. The State Fund of Standards ensures the development and implementation of normative legal acts in the field of technical regulation and compliance with the established procedure for their publication. The State Fund of Standards ensures the timely and proper execution of normative legal acts in the field of technical regulation, organizes and directs the activities of its staff, coordinates and directs the implementation of normative legal acts, ensures the provision of information on normative legal acts to interested organizations, legal entities, and individuals, and provides legal protection for normative legal acts [8].

In conclusion, this study underscores the pivotal role that technical regulations play in the organization and enhancement of safe road traffic. Through an examination of international standards and practices, it becomes evident that the establishment and enforcement of comprehensive technical regulations are imperative for ensuring the safety of road users. The analysis has illuminated the multifaceted

nature of these regulations, encompassing various aspects such as road design, traffic signals, vehicle specifications, and driver behavior. The study also recognizes the challenges associated with implementing and enforcing technical regulations, emphasizing the need for a harmonized approach and adherence to defined timelines.

As road networks continue to evolve and face new challenges, the significance of up-to-date and effective technical regulations cannot be overstated. The findings of this research highlight the need for ongoing collaboration between policymakers, regulatory bodies, and stakeholders to continuously improve and adapt technical regulations to evolving transportation landscapes. By prioritizing and investing in the development, implementation, and enforcement of technical regulations, we can contribute significantly to the creation of a safer and more organized road traffic environment for all.

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