ANALYSIS OF MODERN DESIGNS AND INDICATORS OF ECOLOGICAL SAFETY OF VEHICLES WITH HYBRID AND ELECTRIC DRIVES, SUITABLE FOR USE AS FIRE AND EMERGENCY RESCUE VEHICLES

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Analysis of modern designs and ecological safety indicators of vehicles with hybrid and electric propulsion, suitable for use as fire and emergency rescue vehicles, is a relevant task in view of the need to ensure compliance with the requirements contained in the Order of the State Emergency Service of Ukraine No. 618 (on the main activity) dated September 20, 2013 "On approval of the Regulations on the organization of environmental support of the State Emergency Service of Ukraine" both during times of armed aggression and during the post-war reconstruction of the country's critical infrastructure and economy in the historical perspective of ensuring sustainable development goals, defined in the Decree of the President of Ukraine No. 722/2019 dated September 30, 2019 "On Sustainable Development Goals of Ukraine for the period up to 2030" [1-3].

The purpose of the study is to obtain relevant information on the indicators of ecological safety of elements of the burnt area after a fire as a basis for further research on ensuring the technogenic and environmental safety of the functioning of technical units of the institutions and units of the SES of Ukraine, as well as the development of relevant recommendations and for environmental protection technologies.

The object of the study is the indicators of the technogenic and ecological safety of the functioning of the institutions and units of the SES of Ukraine both during armed aggression and the post-war reconstruction of the country's critical infrastructure and economy in the historical perspective of ensuring the goals of sustainable development.

The subject of the study is the impact of the indicators of ecological safety of modern vehicles with hybrid and electric drive, suitable for use as fire and emergency rescue vehicles, on the object of the study.

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