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**BECOMING AND DEVELOPMENT OF SCIENTIFICALLY-
TECHNOLOGICAL PROCESSES OF CAR PRODUCTION IN A KHARKIV
NATIONAL AUTOMOBILE AND HIGHWAY UNIVERSITY
(the second half of XX – beginning of XXI centuries)**

Summary

It is set that for today in Ukraine effective preparation of specialists is adjusted in industry of motor industry through the system of higher educational establishments. Among them a main place belongs to the Kharkiv National Automobile And Highway University – higher educational establishment of level-four of accreditation, that carries out preparation and retraining of highly skilled specialists in industry of motor industry.

Certainly, that for today the Kharkiv National Automobile And Highway University is higher educational establishment of level-four of accreditation. In his structure for development of motor industry faculties operate: motor-car, mechanical, mechanical of transport vehicles, transport systems and other. Employees of university execute research due to the powerful scientifically-methodical and scientific and technical base of six departments of motor-car faculty. Among them departments: cars, technical exploitation and service of cars, technology of engineer and repair of machines, engines of internal combustion, details of machines and theory of mechanisms and machines, theoretical mechanics and hydraulics.

It is found out, that at the Kharkiv National Automobile And Highway University an international department is created «Ecologically clean technologies», the basic tasks of that are organization and realization of international conferences on the problems of ecological safety, modern environmentally clean resource-keeping technologies, expansion of connections with higher educational establishments of other countries after the programs from ecology and safety of vital functions. The scientists of the Kharkiv National Automobile And Highway University went out on the world level of science, their achievements entered the treasury of achievements of progress of humanity.

Certainly, that with implementation of research work on the Kharkiv National Automobile And Highway University scientific and technical connections are set with by over 100 productive objects, research institutes and project organizations. Work of plant specialists in a close touch with higher educational establishments and research establishments allowed quicker to draw on the newest accomplishments of science in further perfection of products of industry of motor industry. An improvement of technically-economic indexes of cars, increase of their safety, comfort, decline of mass is a direct result of creative concord of motor industry plants with scientists. Considerable organizational work, that was carried out on motor-car plants, sent to perfection and improvement of the system of preparation of workers in accordance with the requirements of scientific and technical progress.

The historical features of development of scientifically-technological processes of car production are certain in the Kharkiv National Automobile And Highway University in the second half of XX – at the beginning XXI of centuries. It is found out, that actuality of analysis of evolution of scientifically-technological processes of car production in the Kharkiv National Automobile And Highway University will provide drawing on the most substantial accomplishments of the past for effective innovative activity in home motor industry on a prospect.

It is set that introduction of scientifically-technological processes and front-rank technologies and technical improvements worked out in the Kharkiv National

Automobile And Highway University provided a reliable, powerful and comfortable car production on the motor industry enterprises of Ukraine.

Key words: *becoming, development, scientifically-technological processes, car, motor industry production, Kharkiv National Automobile And Highway University.*