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Associate Professor of the Department
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Professional experience:

- 2007- Till зкуыуте Acting Associate Professor of Standardization, Metrology and Certification of ENU named after LN Gumilyov;
- -2002-2007 Head of certification and repair of agricultural machinery agricultural machinery and technical policy of the Department of the Ministry of Agriculture;
- -1991-1995 Lecturer, Senior Lecturer, Department Lifting and transport, construction and road machines and equipment Almaty Automobile and Road Institute (AADI);
- -1989-1991 Full-time post-graduate of the Department of construction machinery and equipment Almaty Architecture and Construction Institute (AASI);
- -1988-1989- Head of Laboratory of the Department of Machine Tool and Automation Kazakh Polytechnic University (Almaty, Kazakhstan).
- -1979 -1988 Interchangeable, senior master machine-assembly department of transport engineering of the plant. October Revolution in Omsk.
- -1974-1974 Full-time student of Mechanics and Technology Faculty of the Omsk Polytechnic Institute.

Awards:

- International Certificate for participation and report as «Distinguished Speaker» on the Global Engineering Education (IEOM, Bali, Indonesia, January 2014);
- National Certificate of professional development at the Institute of additional education and training of the Eurasian National University named after LN Gumilyov on the program Innovative training and methodological support to the university. (October 2012).

Scientific degree, scientific school:

Candidate of technical sciences on specialty 05.05.04 - "Road, building and lifting machinery" (2006) Dissertation Council at the Kazakh University of Railways

Scientific interests:

Metrological maintenance of technological processes and production; theoretical bases of calculation and improve the efficiency of operation of mixers; rationale and selection of design parameters and optimal self-propelled concrete mixers for the construction industry facilities; Dynamics of transport equipment; vibration issues in the art; details of technological machines; qualimetric evaluation of engineering production.

Research Grants:

SNA - in the project "Development of the theoretical framework of programmable logistic systems". / Grant from MES program for grant funding research projects MES RK (Astana, Kazakhstan, 2012-2014).

Research project Development and research of devices for damping vertical vibrations of the mixer truck mixer. / Grant from MES program for grant funding research projects MES RK (Astana, Kazakhstan, 2011-2013).

Author's courses:

Qualimetry (B); Metrological support of production (B); Physics shamalardyң elsheu ədisteri changed κγraldary (B); Metrological maintenance of technological processes (M); Metrologiyalyκ καπταμασίχε etudiң ταμάαι metodologiyasy (B); The methodology of selection processes (B); Statistical methods of quality management of products and processes (B).

Publications (selected):

- -Omarov KA, Karbayev NK Devices and devices of orientation and navigation spacecraft. Tutorial. ENU. LNGumilev. 266p. 2014.
- Karbayev NK, Omarov KA Theory and calculation of concrete mixers for the comprehensive mechanization of construction work. Monograph., Kokshetau. Kouame. 267p. 2014.
- Karbayev NK, Omarov KA A study of vibration isolation systems of machines and equipment. Herald ENU. Science Magazine. Astana, 2012. №4. -p.153-159.
- Karbayev NK, Omarov KA Predictive estimate microprofile pavement for concrete mixers. Proceedings of the University KSTU 2011 №2. from. 89-95
- S.A.Bekeeva, I.N.Ashetova, Zh.M.Karagoishin, G.S.Nurmuhambetova M.S.Makenova, Z.K.Kudaybergenova Pathomorphological picture of trachea of rats, exposed to the chronic influence of hexane with nutritional correction. Internationaler Kongress Fachmesse: Programm Abstracts. Hannover, 2012. P. 36-37.
- Karbayev NK Road conditions during operation ABS delivery of concrete to the construction site. Vestnik KazATU S. Seifullin 2010.-, №3, 3.89-91.