



REVIEW

for the educational and professional program "Mining Machines and Equipment", for the 7th level of higher education "master" of speciality 133 "Branch engineering", National Technical University "Dnipro Polytechnic", Dnipro

I am Jamil Haddad. In 1996-2001 I studied at the Department of Mining Machines of the National Mining University, Dnipropetrovsk (today the Department of Engineering and Design in Mechanical Engineering of the National Technical University "Dnipro Polytechnic," Dnipro) on speciality "Mining Equipment", and received a master's degree.

In 2001-2004 I took a post-graduate course by the Department of Mining Machines, in order to continue professional development, and successfully defended the thesis on the specialty 05.05.06 "Mining Machines" on the topic related to the substantiation of rational parameters of a vibrational dryer.

In my opinion, the educational and professional program "Mining Machines and Equipment" submitted for review, speciality 133 "Branch Engineering," is a further development of speciality "Mining Equipment", aimed at creating of innovative samples of equipment for minerals mining and processing, using widely the technologies of three-dimensional simulation of complicated technical objects based on "SolidWorks" set of programs by "Dassault Systems" company.

The knowledge and the skills I received in this speciality were certainly necessary for my professional development. Now I actively use them while working in the Department of Mechanical Engineering, at the Faculty of Engineering Technology of Al-Balqa Applied University, Amman, Jordan.

Now, I still maintain close professional links with the graduating Department, have joint developments and publications on the substantiation of the parameters of a number of machines and equipment, which are the subject of teaching in the educational and professional program " Mining Machines and Equipment".

I have an opinion, that the potential of the department meets the requirements for ensuring a sufficient level of training of masters in this educational and professional program in such parameters, as personnel support, methodological support, and the existing educational and laboratory base. The strengths of the discussed educational and professional program are the reliance on correspondent acting laboratory base, the high



scientific potential and experience of the department's employees, actual technologies of three-dimensional projecting and design of mining machines and equipment.

Reviewer, Associate Professor

Department of Mechanical Engineering,

Faculty of Engineering Technology,

Al-Balqa Applied University,

J.S. Haddad

A handwritten signature in blue ink, appearing to be 'J.S. Haddad', is written over a horizontal line.

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