Maksym Shakhrai
O.O. Yavorska, research supervisor
V.V. Tykhonenko, language adviser
State HEI "National Mining University", Dnipro, Ukraine

On the Problem of Prevention of Injuries at Mining Enterprises

Workers get injured at mining enterprises daily. Sometimes the physical injuries are fatal.

At most it happens due to carelessness and violation of rules of safety regulations by workers themselves.

The matter is that such seemingly minor violations of rules of safety regulations and negligence may result in exitus letalis. Consequently, increase in the number of injuries at mining enterprises. Thus, strengthening of control over observance of safety regulations is the first-priority task for work safety service of Ukrainian mines.

Required measures to decrease accident rate and level of employment injuries may be as follows:

1. The development of administrative and technical measures aimed at remedial actions brought to light in the process of control over current situation with labour safety at the place of production; carrying out of ability tests; upgrading; intensifying of technical and engineering employees training in the context of labour protection and occupational safety;

2. Introduction of changes into approaches to labour protection; more specifically that means analysis of reasons of violations of safety rules, working out measures to prevent accidents, and implementation of preventive measures;

3. Increase of penalties for non-compliance with the requirements of safety regulations and labour safety;

4. Constant control over safety operation of mining equipment, transport, state of emergency protection, fire protection, and process of blasting operations;

5. Control over regular ventilation, and dust and gas conditions; implementation of integrated degasifying of mines and its efficiency improvement; safe operation of highly productive stopes while mining gas-abundant coal seams; implementation of package of measures aimed at coal and gas outburst control.