

Conference Sessions: Mining Rescue Training

# Lessons learned in national and international mining rescue competitions



**SÓNDIRÝSHI**  
AKTSIONERLIK QO'GAMY

Speaker:

Deputy Head of the Department of Fire-Fighting  
Service and Emergency Rescue Formation of ÖRT  
SONDIRYSHI JSC

Vladimir Kravchenko



In the Republic of Kazakhstan, mines rescue services have two forms of ownership - state-owned, in the structure of the Committee for Emergency Situations in the Ministry of Internal Affairs of the Republic of Kazakhstan, and private - in the structure of national and foreign companies conducting their works in coal mining and mining industries.



**SÓNDIRÝSHI**  
AKTSIONERLIK QOǴAMY



  
ArcelorMittal



In the inter-accident period, rescuers are engaged in theoretical and practical training rescuers for work in extreme conditions, including practicing theoretical and practical skills in various regional competitions.



The purposes of the national competitions of mine rescuers are

- the improvement the professional skills during the performance of mine rescue;
- increased physical training;
- propaganda of rescuer status among employees of serviced enterprises;
- exchange of experience, skills and advanced technologies of mine rescue.



The competition program is typical, applied since 2010, the same with programs for international competitions. The only difference is that the final stage of the competition is the holding of the mine rescue relay.

The judging board of the competition evaluates teams by several criteria, including compliance with safety measures by the participants, the accuracy and speed of the assignments.



The participation in national competitions, Kazakhstani rescuers consider for themselves as serious test, and at the same time high motivation for the winners, who in the future will be able to participate in IMRC.

The main task in conducting national competitions of rescuers in Kazakhstan is to determine the best teams and the best rescuers for subsequent preparation for the IMRC international competitions.



For the first time, Kazakhstan's mine rescuers took part in international competitions as observers in the Australian city of Wollongong, New South Wales, in 2010.

That was the seventh competitions held within the framework of the International Mine Rescue Body.



7th  
International  
MINES RESCUE  
Competition



It was the first experience of interaction the Kazakhstani rescuers with the representatives of foreign mine rescue services from seven countries (Australia, USA, Poland, China, India, Russia and Ukraine).



The novelty of the competition held in Australia was to combine two components of the rescuers training - these are advanced technologies for conducting rescue operations and simulating situations in a real mine environment using virtual reality tools.



The competition took place in conditions as close to the reality as it was possible. The results of the teams were evaluated according to established rules and protocols.

The actions of the teams were evaluated by the final results - the survival of victims.



The competitions differed from the national ones by the fact that there were no separate first aid competitions, since other tasks have already included the necessary assistance to the victim.

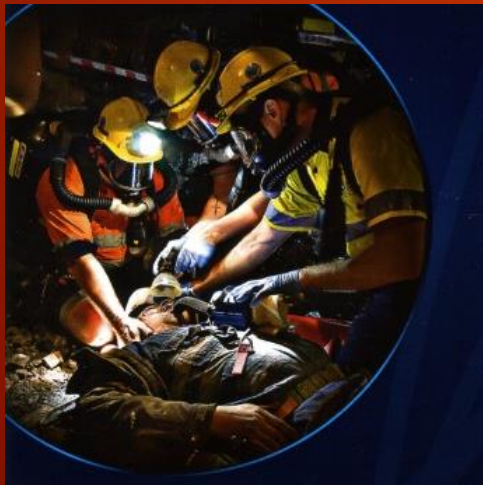




The implementation of rescue operations in Australia is somewhere different from the tactics of our national rescue services.

The performance of rescue operations is carried out with minimal risk for rescuers or completely eliminating all the risks to their life and health.

The Australian mine rescuers are leading in the use of virtual reality techniques. This part of the training is given a lot of time.



The unique experience acquired by Kazakhstani rescuers at the IMRC and the IMRB conferences, direct communication with foreign experts and the leaders of the rescue services, made it possible to make appropriate adjustments to the training system of Kazakhstan's rescuers and the program of national competitions.



The team of mine rescuers from Kazakhstan participated in international competitions in Ukraine (2012), in Poland (2014), in Russia (2018).

In 2018, the Kazakhstani rescuers for the first time won the 3rd prize in the team event at competitions in Yekaterinburg, Russia.





IMRC for participants is, firstly, the opportunity to expand their knowledge by working in unfamiliar conditions. Secondly, is the ability to test yourself.

The level of the IMRC is constantly increasing. The quality of training teams improves also.

The international competitions of mine rescuers IMRC is a serious exchange of experience and a demonstration of their abilities. It contributes improving the level of safety and preserving the life and health of mine-workers.





**THANKS FOR YOUR  
ATTENTION!**



**SÓNDIRÝSHI**  
AKTSIONERLIK QO'GAMY