



PRESS RELEASE

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About a briefing on the introduction of technologies into production

On October 27, 2022, there was held a briefing at the “NMMC History” museum in Navoi city with the participation of the technology director of JSC Navoi Mining and Metallurgical Company Otabek Mustakimov, dedicated to the results of work on the introduction of technologies into production at the company.

Today, in a competitive environment, it is impossible to achieve the intended goal without the introduction of modern technologies in production. To this end, large-scale work is being carried out at Navoi Mining and Metallurgical Company in this direction, which in turn serves to increase the capacity and production potential of the enterprise.

In particular, in recent years, the rapid development of science in the field of production, advanced technologies in industry, and in the reliable construction of new hydrometallurgical plants, based on modern technologies that are of no importance in the world, are even faster than the production of these industries. As a result, the enterprise was transformed into a huge cluster of the mining and metallurgical industry, the development of healthcare and integrated systems, the development of metallurgical production, ore mining and the production of finished products.

For example, one of such achievements is the filtration, drying and roasting complex, which has no analogues in the world in terms of engineering and technical solutions and the level of technological equipment, designed for processing dump tailings of Hydrometallurgical plant №3. 12 specialists, engineers and scientists of the company developed a technology for extracting gold from refractory sulfide gold-arsenic ores, for which an international patent was received. In 2017, this invention was awarded the gold medal of the United Nations World Intellectual Property Organization. The introduction of this technology allowed to increase the level of gold extraction from waste at the plant by 11%, and the production of precious metals by 16%.

Another achievement is Hydrometallurgical plant №5, which has no analogues in the world, based on innovative and creative solutions. The technology implemented at this plant is based on the extraction of gold based on oxygen-lime oxidation and has a processing capacity of 5 mln tons of ore per year.

Hydrometallurgical plant №7, put into operation last year, is also distinguished by the technology used at the enterprise. Its uniqueness lies in the fact that this technology is designed for processing industrial waste with a low gold content through the most complex processes. At present, the capacity of the plant for the processing of industrial waste has exceeded 16 million tons.

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