

A. V. ZIMIN ("NPO "RIVS" JSC)

STABILITY AS A PLEDGE OF SUCCESS (17TH ANNIVERSARY OF THE COMPANY "DEVELOPMENT, MANUFACTURE, PUTTING INTO PRACTICE, SERVICE – RIVS")



A. V. ZIMIN, General Director

The company "RIVS" (Development, Manufacture, Putting into practice, Service) has been set up in 1991 for solution of the complex tasks of processing of the ores of non-ferrous and rare metals.

The group of experienced constructors and technologists of experimental-constructor department of the former All-Union scientific-research and projecting institute Mekhanobr has become the main body of the collective.

Today "NPO (Scientific-Production Corporation) "RIVS" JSC includes the facilities ensuring the total complex of the works beginning from working up of the technologies of the raw ore processing to supply of the mining-concentrating combines with equipment for achievement of the guaranteed technological parameters.

"NPO "RIVS" JSC disposed of the high qualified personnel of researchers — specialists in the field of the ore processing, constructors, mechanical engineers, specialists in the field of automated systems of processing factories and facilities for output of the ferrous, non-ferrous and rare metals.

There are three Academician of Departmental Academies, two Doctors and twelve Candidates of the Technical science in the staff of the employees. The most of the specialists have a long length of the practice work.

The new sub-division of the company — "RIVS-project" JSC — has been set up in 2005. The project works carried out by "RIVS-project" JSC were widely practiced at the

Russian and foreign enterprises of non-ferrous and ferrous metallurgy.

The branches and representations of the company have been set up and function in Mongolia, Armenia, Ukraine, Uzbekistan, at the Urals, at the Kola Peninsula.

"NPO "RIVS" JSC has its own production capacities for manufacturing of the mining and processing equipment.

The plant of the rubber-technical articles is the member of the corporation. The articles of the plant are dispatched to the more than 150 customers in CIS and Mongolia.

Jointly with "Uralmash" Ltd. the corporation carries out modernization, working up of the new technologies of the ore preparing, supply with the new crushing-comminuting equipment. Mobility of production permits to "NPO "RIVS" JSC to produce and to deliver to the customer of the equipment and spares in the shortest time. Every year it is produced 300–400 cells for flotation machines with the volume 0.5–100 m³ according to the orders of the enterprises.

Producing of the equipment at the level of the leading world manufacturers by the quality and technological parameters was the main task of setting up of industrial structure of "NPO "RIVS" JSC.

Usage of the modern materials, application of the best foreign units and modern equipment permit to corporation to produce equipment in accordance with the world standards at the new qualitative level.

"NPO "RIVS" JSC produces at its industrial facilities the wide range of the spares for newly produced equipment and for operating one.

The corporation carries out technical and technological accompaniment




of its mining and processing equipment within the whole period of exploiting of the last one.

The corporation has gained the great experience of modernization and reconstruction of equipment of processing plants after the long period of the machines exploiting. The customer is guaranteed achievement of the higher technological and operational parameters. For example, application in the course of modernization of mechanical and pneumatic mechanical flotation machines and aeration systems RIF have permitted to increase the quality of the concentrates and extraction of the useful components.

Providing of exploiting screens with the rubber sieves "ESALH" has allowed eliminate adherence of the ore in period autumn-winter-spring, to increase screening efficiency and to increase the life of the units of the screens.

The corporation uses widely its new ideas for modernization of the operating machineries. The high degree of unification and suitability for repairs are the basis of the works of "NPO "RIVS" JSC. So, modernization of machinery may be carried out at the site in the shortest time.

For example, after scientific researches it has been worked up the project, made and supplied technological equipment, carried out the setting and adjusting works and put into operation the second section of the collective cycle of copper-molybdenum flotation with annual output 6 million tons. Above mentioned works have been carried out for concentration factory "Erdenet" (Mongolia). The factory is one of the ten leading world producers of the copper and molybdenum concentrates. As a result productivity of the section has increased 1.5 times, and molybdenum extraction has increased twice as much.

There are a lot of others successful examples in Russia and in CIS, Asia and Europe. Modern technologies of processing of the minerals and competitive equipment were worked up and made at the facilities of "NPO "RIVS". The basis of "RIVS" is stability, reliability, high efficiency. 



Reconstruction of concentration factory at Uchalinsky GOK, Uchaly, Russia



Reconstruction of flotation section of concentration factory "Almalyksky GMK" JSC, Almalyk, Uzbekistan



Section of flotation final treatment of the magnetite concentrates at Inguletsky GOK, Krivoy Rog, Ukraine



Second section of the collective cycle of the copper-molybdenum flotation. KOO "Enterprise "Erdenet", Mongolia



Reconstruction of flotation section of Concentration Factory of Zangezursky MMK, Kadjaran, Armenia