



Raspadskaya Coal Company procured new equipment for its chemical laboratories

6 December 2021 – Modern Sapozhnikov's plastometers have been installed in the coal chemical laboratories of the Quality Assurance Department of Raspadskaya Coal Company (RUK, which operates EVRAZ's coal business). They reduce the time to process laboratory findings and eliminate errors.

The task of the plastometer is to simulate the coking process and determine the coal's coking properties. The new model features automated collection and analysis of laboratory findings. The laser reads the results, the device itself draws a plastometric curve according to the operator's measurements, and the software processes the data and delivers the result to the computer.

Re-equipment of RUK's quality assurance department started last year. During this time, the laboratory and sample-cutting unit of quality control departments at mines and factories have been retrofitted. We replaced muffle furnaces, calorimeter, drying ovens and installed wet coal crushers.

This year, we purchased an electronic analytical balance, a Gieseler plastometer and hammer crushers. In 2022, it is planned to purchase a new model of a thermogravimetric analyzer and sample-cutting equipment.

Modern smart equipment facilitates the work of laboratory technicians: it is easier and faster to collect and process data. Furthermore, new technical capabilities help to cope with the load and solve the problems that the quality assurance department may face.

About the Company

Raspadskaya Group comprises enterprises of a single territorial production complex in Kemerovo Region and the Republic of Tuva of the Russian Federation: eight mines, two open-pit mines, three processing plants, transport and industrial infrastructure enterprises. Is part of EVRAZ, a vertically integrated mining and steelmaking business.

For more information go to www.raspadskaya.ru or:

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