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Review of instruments  
produced by SKB EP, LLC

Dear Olga Nikolaevna!

Nowadays, specialists of an electrical laboratory of Udokan copper, LLC operate the following instruments, which are manufactured by SKB EP, LLC: MIKO-9A, MIKO-21 and PKV/M7.

These instruments have been used since 2020 when conducting a comprehensive diagnostic of power and measuring transformers, high-voltage circuit breakers and disconnectors.

We would like to note the universality of MIKO-21, extensive functionality when measuring parameters on electrical installations of 4-220 kV: for example, measuring the contact resistance of metallic bounding equipment with an earthing system, measuring the contact resistance of a contact system of circuit breakers with a voltage class of 6-10-35-220 kV, measuring the contact resistance of bolted joints of 4-220 kV. Speaking about a specified functionality of the instrument, advantages are revealed both in terms of the cost (instead of several instruments we use one) and in terms of labor costs reducing for carrying out work.

While using MIKO-9A, the following advantages were found: the ability to measure contact resistances of circuit breakers contact system 6-220 kV, measure the ohmic resistance of windings of power and measuring transformers of 6-220 kV with an AUTO 3Ph mode. These advantages can significantly reduce the time for preparing and performing measurements in comparison with instruments of previous generations and produced by other manufacturers.

The instrument PKV/M7 is a reliable device for measuring parameters of circuit breaker VEB-UETM-220 of 10-35 kV manufactured by Elmash, LLC from Yekaterinburg.

Having gained experience in the operation of instruments manufactured by SKB EP, LLC, we can confidently recommend these products for conducting a comprehensive diagnostic of power equipment.

With respect,  
Chief power engineer



A.V. Sevostyanov