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## Review

ATTN: TD SKB EP, LLC

**Ekaterinina O.N.**

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**Dear Olga Nikolaevna,**

In MAEK-Kazatomprom, LLP since 2015 two instruments produced by Your company have been purchased and operated: a multipurpose low / high resistance meter MIKO-2.3 and a high-voltage circuit breaker analyzer PKV/M7.

PKV/M7 instrument is used to take parameters of oil-blast circuit breakers U-110, MKP-110, MGU-20, MG-10, VMP-10.

MIKO-2.3 instrument is mainly used for measuring the contact resistances of the contact system and ohmic parameters of oil-blast circuit breakers U-110, MKP-110, MGU-20, MG-10, VMP-10.

The small instrument MIKO-2,3 is convenient for measurements due to its light weight and dimensions, especially when working on circuit breakers U-110 and MKP-110. When placing the instrument directly on bushings of the circuit breaker, one person is involved in this process. We earlier used F415 device, two devices had to be used for measurements. Reliable wire fasteners are attached to circuit breaker bushings. High measurement accuracy, the use of two different power supply systems of the instrument (mains and battery) expand the use of the device.

PKV/M7 has shown itself as a reliable, affordable and fairly accurate instrument.

The use of PKV/M7 instrument halves the time for taking parameters of a circuit breaker, because all measurements are performed in one cycle, which allows you to quickly assess the equipment technical condition.

The use of instruments on U-110, MKP-110, MGU-20, MG-10, VMG-10 oil-blast circuit breakers makes it possible to identify the following equipment malfunctions: increased values of contact resistances, unevenness of contact closure and travel of traverse, contact penetration, coil breaks.

**Deputy Director General for production -  
Chief Engineer**

**I.P.Chernetsky**