



OPEN JOIT STOCK COMPANY
«MOSCOW UNITED ELECTRIC GRID COMPANY»
BRANCH "HIGH VOLTAGE CABLE NETWORKS"

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Essential Elements for KB "Agroimpuls" (OAO)
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To Ref.
No. _____

Concerning usage of polymer clams
for high voltage cables

Dear Sirs:

Informational Letter

When laying down 110-220 kV cables in cable structures, there is a necessity for reliable fixation of cable on bearing metalworks with due account of dynamic forces from short-circuit currents.

Limited Liability Company OOO "RKS-plast" has a well-developed production of polymer cable clams of BKK type developed and produced in Russia to fix cables with external diameter from 65 mm to 125 mm.

Our clamps have withstood verification during field tests for dynamic impact caused by short circuit currents up to 60 kA. The latter produced no deformation to clamps as opposed to currently used aluminum clips. The material our clamps are made of ensures safe operation in the temperature range from -50 to +50 °C, i.e. fit to working temperature range of cables with the cross-linked polyethylene (CLP) insulation. These camps are not susceptible to atmospheric precipitation or solar radiation. BKK type clamps, as compared to aluminum ones, have no rubber gaskets which are subject to deterioration with time.

Also, the currently used aluminum clamps are often targets of stealing; BKKs are made of polymer materials.

BKK clamps is a mass-produced product corresponding to TU 4834-002-98970470-2007 (specs) which makes it easier to order the clamps, plan works, reduce assembly time and increase installation quality.

On the basis of the above and our own positive experience, we recommend using our polymer BKK clamps when designing and building cable structures for 110-220 kV cables.

For any additional information please contact OOO "RKS-plast" by telephone (495)764-2538.

Sincerely,
Director

G.E. Trakhtenberg