Overhaul circuit breaker operating mechanism type HM

The HM circuit breaker operating mechanisms are the key component for safe operation of different ABB high voltage switchgear, for example in the GIS ELK-04 system types. They allow for the execution of planned switching operations, but also of shutdowns to protect systems or distribution networks.

To guarantee these switching operations beyond a service life of 20 years, in addition to the regular visual and function tests, the replacement of seal and wear parts within the scope of an overhaul is recommended. These overhauls can however be conducted not only based on operation time, but also based on more frequent switching operations or due to environmental influences. You can find more details in the product manual of the respective operating mechanism type.

During the course of the overhaul, any beginning problems in the electric or hydraulic modules, for example, can be detected and condition-based repairs performed.

Based on our long-term experience with the HM operating mechanisms, we have developed optimized overhaul packages for them, which are professionally installed by our certified ABB service specialists. After the overhaul is completed, performed inspections and function tests guarantee correct operation of the operating mechanisms.

Your benefits at a glance
- Planned maintenance, also as a preventative measure
- Enhanced or guaranteed availability of the switchgear
- Increased service life cycle of the operating mechanism and therefore of the switchgear
- Time and cost-optimized material packages and services