

Efficient plant operations & maintenance



## MAINTENANCE

# Electrical motor maintenance

Our competent team takes care of the repair of electrical motors pursuant to currently applicable regulations, both for IEC standard motors as well as for explosion-protected motors pursuant to ATEX directive. Our objective: increase the service life of your electrical motors.

Professional maintenance on electrical motors is the basis for restoring operations after a malfunction. We support you in all related matters from dismantling to service and assembly, irrespective of which manufacturer the electrical motors were sourced from.

Our services:

- Assemble and dismantle motors during operations
- Troubleshoot, including damage report and photographic documentation
- Incoming inspection with winding and insulation measurements
- Service motors based on manufacturer specifications or specific customer requirements
- Replace bearings and balance motor
- Perform mechanical work as needed (repack bearings shield, machine shaft)
- Function and performance test on the test stand, including vibration measurements
- Document test run and performed repair, on Exd motors pursuant to Section 14(6) (ALT) / BetrSichV Appendix 2/Section 3/Number 4.2 (NEW)
- Optical laser alignment during assembly
- Parameter programming on frequency converter
- Procure and warehouse spare parts
- Service workshop officially certified in accordance with ATEX

## Your experts

Get in touch with us - we will be happy to advise you.

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