

Press Release

Thorough motor examination

Menzel Elektromotoren offer comprehensive testing

Berlin – At their state-of-the-art load test field in Berlin, Menzel Elektromotoren can perform vendor-independent motor tests up to 13.8 kV. The facility is also available for external tests up to 1,800 kW under load and up to 10,000 kW in idle operation. Very few independent SMEs in Germany offer comparable services. The special motor manufacturer's services include routine, type and system examinations, notably load tests and heating tests of three-phase asynchronous motors with squirrel-cage or slip ring motors.



Illustration: Berlin-based Menzel Elektromotoren operate two in-house load test fields inside a state-of-the-art facility

Synchronous machines or transformers, inverters or motor systems can be put through their paces, including specially requested testing conditions. Thorough Motor testing is useful to detect and resolve possible interface problems between individual components ahead of commissioning. This obviously simplifies planning and reduces waiting times for end users. Testing whether a system can be operated safely even in extreme conditions also serves to reduce the risks associated with complex retrofitting in existing facilities. For this purpose, Menzel has custom-built a test hall with a 3 x 9 m base plate for

mounting test objects and load machines next to a sound-proof observation cabin with built-in heating. The facility features two cranes that can be coupled if necessary. These can handle loads up to 16 t (hook max. 4.50 m above the clamping field) and 10 t (hook at max. 5.20 m), respectively. Heavier equipment or other lifting heights can be accommodated on request. A family-owned company with some 90 years of experience in the construction of special motors, Menzel specialize in the development and manufacturing of large electric motors for a wide variety of industries.

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About Menzel Elektromotoren

Based in Berlin, Menzel Elektromotoren GmbH has been manufacturing and distributing electric motors for more than 90 years. The medium-sized company specializes in the delivery of large electric motors, including special models, within the shortest possible time. The product range comprises high and low voltage motors, DC motors, transformers, and frequency inverters. Services include motor production and short-term adaptation of stocked motors to application-specific requirements. In order to ensure fast deliveries to the customer at all times, the company maintains a very extensive inventory including more than 20,000 motors with a maximum performance of up to 15,000 kW. Qualified engineering, experienced staff, and state-of-the-art production and testing facilities help Menzel provide excellent reliability. Menzel operates subsidiaries in the UK, France, Italy, Spain, and Sweden, and cooperates with numerous partners worldwide.

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