

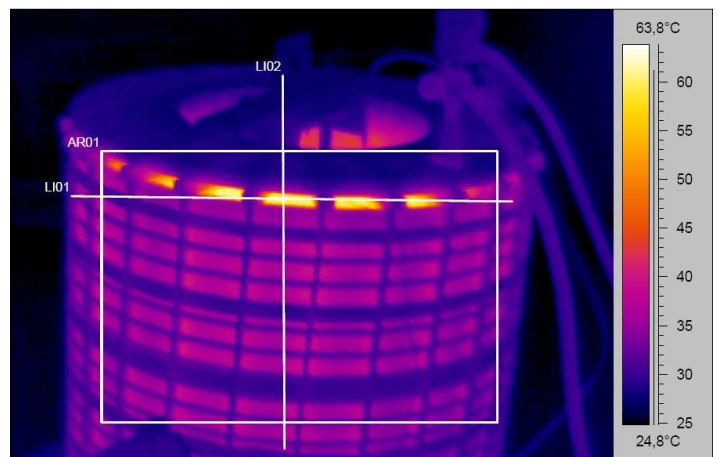
DC heating technology is used in the process of effective drying or curing (hardening) of impregnated coils, motors, transformers and arc suppression coils. Only the parts that need drying are heated, i.e., the winding and insulation. The device works both independently and in combination with other technologies – vacuum drying chambers and atmospheric curing ovens. The technical solution to the direct current (DC) heating and curing technology is in most cases accomplished by way of two switchboards. It consists of power, control, and measuring units.

WHY OPT FOR A DC HEATING SYSTEM?

- Significant energy saving
- Adjustable speed of heating
- Tried and tested, good results in curing winding coils
- Uniform distribution of temperature throughout the winding
- An option to use with wye (Y), delta (D) or individual winding coils
- Ready to be combined with impregnation and drying technologies
- Storage and creation of reports
- Safe heating



Arc suppression coil prior to drying by DC



Arc suppression coil during drying by DC

The DC heating system represents a safe, effective, and user friendly way of improving the technological processes of drying and curing. Curing time, temperature, and types of winding materials used can be preset in the programme menu. The processes of control, setting-up, and monitoring are done using a comprehensive control system, Siemens SIMATIC.