

Reference: **ELT\_305\_3**

---



Type:

**Electra**

Title:

**Dielectric dissipation factor measurements on new stator bars and coils**

## Abstracts

In the field of rotating electrical machines, the Dielectric Dissipation Factor (DDF) measurement is used for assessing the manufacturing quality of individual stator bars/coils and the dielectric behaviour of the electrical insulation system of a winding. To provide a better understanding of the use of DDF measurements in relation to the assessment of the condition and quality of stator insulation systems, 20129 DDF measurements on newly manufactured stator bars or coils concerning four different types of electrical insulation systems were collected and analysed.

---

More Informations :**File Size:**622,1 KB **Pages NB:**5 **Study Committee :** A1 **WG (TF):**WG A1.39 **Year:**2019

---