

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Industrial electroheating equipment – Test methods for direct arc furnaces

Chauffage électrique industriel – Méthodes d'essai des fours à arc direct

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INDUSTRIAL ELECTROHEATING EQUIPMENT –
TEST METHODS FOR DIRECT ARC FURNACES**

FOREWORD

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International Standard IEC 60676 has been prepared by IEC technical committee 27: Industrial electroheating.

This third edition cancels and replaces the previous edition published in 2002 and constitutes a technical revision.

Significant technical changes with respect to the previous edition are as follows:

- Clause 1 (*Scope and object*) – types of furnaces are more clearly defined.
- Clause 2 (*Normative references*) and Clause 3 (*Terms and definitions*) have been updated and completed.
- New Clause 4 (*Features of the EAFsystem*) has been added; it mainly concentrates on the tests necessary for high-voltage / high-current electrical equipment in the installation.
- Clause 5 (*Type of tests and general conditions of their performance*) and Clause 6 (*Technical tests*) have been modified according to today's requirements for safe operation of an EAF.

The text of this standard is based on the following documents:

FDIS	Report on voting
27/816/FDIS	27/837/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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