TECHNICAL REPORT

IEC TR 62157

First edition
2001-06

Cylindrical machined carbon electrodes – Nominal dimensions

Electrodes cylindriques en carbone usiné – Dimensions nominales

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International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE G

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CYLINDRICAL MACHINED CARBON ELECTRODES – NOMINAL DIMENSIONS

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Technical reports do not necessarily have to be reviewed until the data they provide are considered to be no longer valid or useful by the maintenance team.

IEC 62157, which is a technical report, has been prepared by IEC technical committee 27: Industrial electroheating equipment.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
27/246/CDV	27/264/RVC

Full information on the voting for the approval of this technical report 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 3.

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

This document which is purely informative is not to be regarded as an International Standard.

A bilingual version of this publication may be issued at a later date.

CYLINDRICAL MACHINED CARBON ELECTRODES – NOMINAL DIMENSIONS

1 Scope and object

This technical report applies to cylindrical carbon electrodes, manufactured from upgraded coal, for use in electric direct-arc and submerged-arc furnaces, for melting silicium and carbide and for other purposes.

This technical report covers

– dimensions and tolerances on the length and diameter of carbon electrodes;
– dimensions and thread details for carbon electrode heads and sockets.