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TS 60479-2

Third edition
Troisième édition
2007-05

Effects of current on human beings and livestock –

**Part 2:
Special aspects**

**Effets du courant sur l'homme et
les animaux domestiques –**

**Partie 2:
Aspects particuliers**



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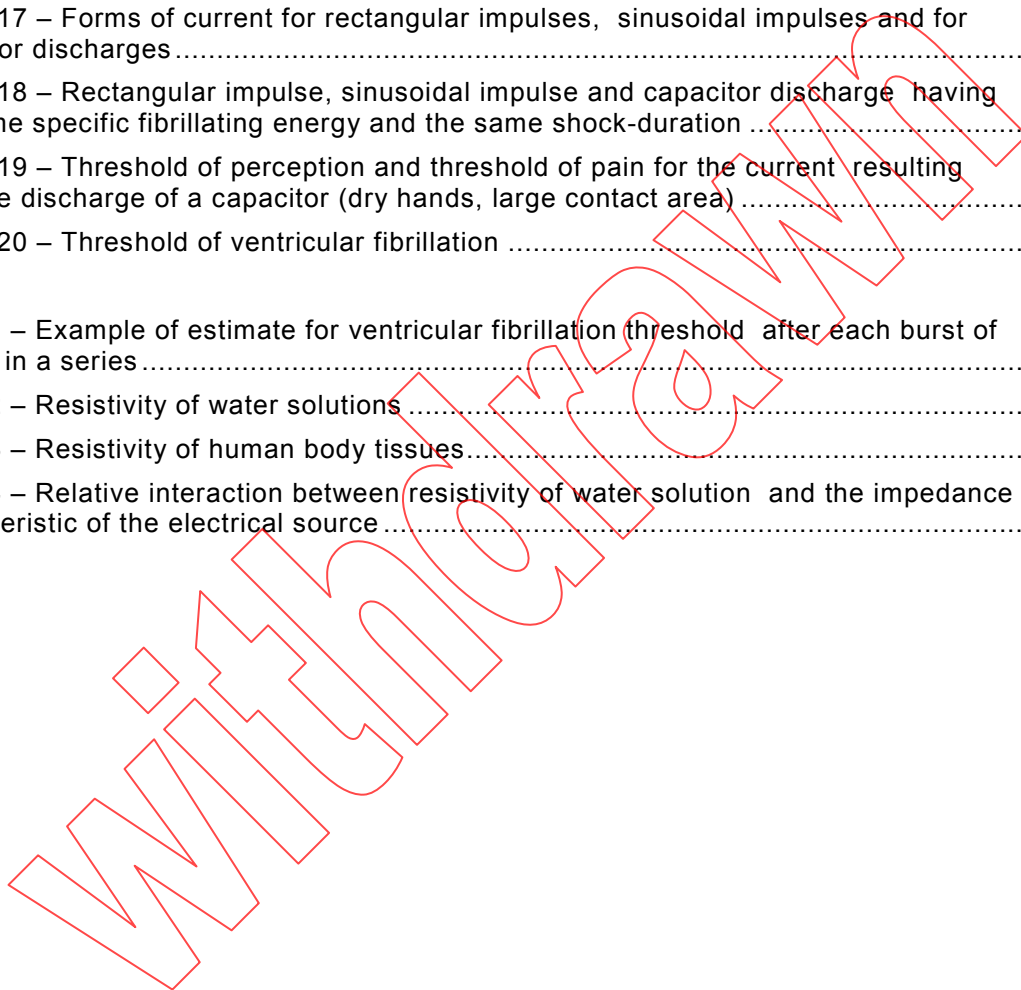
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

EFFECTS OF CURRENT ON HUMAN BEINGS AND LIVESTOCK –**Part 2: Special aspects**

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Technical specifications are subject to review within three years of publication to decide whether they can be transformed into International Standards.

IEC 60479-2, which is a technical specification, has been prepared by IEC technical committee 64: Electrical installations and protection against electric shock.

This third edition cancels and replaces the second edition, published in 1987, and constitutes a technical revision.

The major changes with regard to the previous edition are as follows:

- The report has been completed with additional information on effects of current passing through the human body for alternating sinusoidal current with d.c. components, alternating sinusoidal current with phase control, alternating sinusoidal current with multicycle control in the frequency range from 15 Hz up to 100 Hz.
- An estimation of the equivalent current threshold for mixed frequencies.
- The effect of repeated pulses (bursts) of current on the threshold of ventricular fibrillation.
- Effects of electric current through the immersed human body.

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

Enquiry draft	Report on voting
64/1544/DTS	64/1579/RVC

Full information on the voting for the approval of this technical specification 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.

A list of all the parts in the IEC 60479 series, under the general title *Effects of current on human beings and livestock*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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

- transformed into an International standard,
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- amended.