

TECHNICAL REPORT

IEC TR 61010-3-031

First edition
2003-04

Safety requirements for electrical equipment for measurement, control, and laboratory use –

Part 3-031: Conformity verification report for IEC 61010-031:2002 – Safety requirements for hand-held probe assemblies for electrical test and measurement

*Règles de sécurité pour appareils électriques
de mesurage, de régulation et de laboratoire –*

*Partie 3-031:
Rapport de vérification de la conformité
de la CEI 61010-031:2002 –
Prescriptions de sécurité pour sondes équipées
tenues à la main pour mesurage et essais électriques*



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CONTENTS

FOREWORD	3
Conformity verification report for IEC 61010-031:2002	5
5 Marking and documentation	10
6 Protection against electric shock.....	12
7 Protection against mechanical hazards	14
8 Mechanical resistance to shock and impact	14
9 Temperature limits and protection against the spread of fire	15
10 Resistance to heat.....	15
11 Protection against hazards from fluids	15
12 Components	15
Table 1 – Documents attached to this report	7
Table 2 – Test equipment list	8
Table 3 – List of components and circuits relied on for safety.....	9
Form A.1 to Form A.11	16 to 26

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT
FOR MEASUREMENT, CONTROL, AND LABORATORY USE –****Part 3-031: Conformity verification report for IEC 61010-031:2002
Safety requirements for hand-held probe assemblies
for electrical test and measurement**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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The main task of IEC technical committees is to prepare International Standards. However, a technical committee may propose the publication of a technical report when it has collected data of a different kind from that which is normally published as an International Standard, for example "state of the art".

IEC 61010-3-031, which is a technical report, has been prepared by IEC technical committee 66: Safety of measuring, control, and laboratory equipment.

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

Enquiry draft	Report on voting
66/276/CDV	66/303/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 IEC/ISO Directives, Part 3.

This report is for use by test houses and other users to assist them with determining and recording verification of conformity of the equipment under test with the requirements of IEC 61010-031:2002.

The protocol for completion of this report is contained in publication IEC 61010-3: 1997.

The IEC sells read-only PDF files as a general rule. In the present instance, and quite exceptionally, to enable the user to fill in the forms, a revisable file is included in a pocket affixed to the back cover of this publication.

This file can also be downloaded from the Web as a PDF file. There is, however, at the end of the document, a revisable file containing the forms. Please use the zip/unzip function.

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.

Conformity Verification Report IEC 61010-3-031: Safety requirements for electrical equipment for measurement, control, and laboratory use Safety requirements for hand-held PROBE ASSEMBLIES for electrical test and measurement	
Report reference No.....:	
Compiled by (+ signature).....:	
Approved by (+ signature).....:	
Date of issue.....:	
Testing organization.....:	
Address.....:	
Testing location	
Applicant.....:	
Address.....:	
Standard.....	IEC 61010-031:2002
Copyright blank test report.....	<input checked="" type="checkbox"/> This report has been prepared by IEC TC 66, which retains responsibility for any changes or corrections required.
Test procedure.....:	
Procedure deviation.....:	
Non-standard test method.....:	
Type of item tested.....:	Measurement
Trade mark.....:	
Model/type reference.....:	
Manufacturer.....:	
Rating.....:	
Copy of rating plate:	

Description of equipment function.....:

INSTALLATION/OVERVOLTAGE CATEGORY.....:

POLLUTION DEGREE:

Environmental rating: ☐ Standard ☐ Other (specify):

Equipment mobility: ☐ Hand-held ☐ Fixed

Operating conditions: ☐ Continuous ☐ Short-time ☐ Intermittent

Marked degree of protection to IEC 60529: IP__ __

Accessories and detachable parts included in the evaluation:

Options:

NOTE – "(see Form A.X)" refers to a form appended to the report.

Table 2 – Test equipment list

[illegible]

Table 3 – List of components and circuits relied on for safety

Unique component reference or location (including drawing reference if required)	Application/Function	Manufacturer and part number (NOTE 1)	RATING (NOTE 2)	Licence number, file number or other documentary evidence of acceptance	Verdict
NOTE 1 List all manufacturers concerned.					
NOTE 2 Electrical, mechanical, flammability, etc.					