



BSI Standards Publication

Nuclear power plants — Instrumentation important to safety — Radiation monitoring for accident and post-accident conditions —

Part 2: Equipment for continuous off-line monitoring of
radioactivity in gaseous effluents and ventilation air

National foreword

This British Standard is the UK implementation of IEC 60951-2:2009.

The UK participation in its preparation was entrusted to Technical Committee NCE/8, Reactor instrumentation.

A list of organizations represented on this committee can be obtained on request to its secretary.

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**Nuclear power plants – Instrumentation important to safety – Radiation monitoring for accident and post-accident conditions –
Part 2: Equipment for continuous off-line monitoring of radioactivity in gaseous effluents and ventilation air**

**Centrales nucléaires de puissance – Instrumentation importante pour la sûreté –
Surveillance des rayonnements pour les conditions accidentelles et post-accidentelles –
Partie 2: Matériels pour la surveillance des rayonnements en continu avec
prélèvements dans les effluents gazeux et l'air de ventilation**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**NUCLEAR POWER PLANTS –
INSTRUMENTATION IMPORTANT TO SAFETY –
RADIATION MONITORING FOR ACCIDENT
AND POST-ACCIDENT CONDITIONS –****Part 2: Equipment for continuous off-line monitoring of
radioactivity in gaseous effluents and ventilation air**

FOREWORD

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International Standard IEC 60951-2 has been prepared by subcommittee 45A: Instrumentation and control of nuclear facilities, of IEC technical committee 45: Nuclear instrumentation.

This second edition cancels and replaces the first edition published in 1988, as well as IEC 60951-5, published in 1994. This edition constitutes a technical revision.

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

- To clarify the definitions.
- To update the references to new standards published since the first issue.
- To update the units of radiation.

This standard is to be read in conjunction with IEC 60951-1.

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

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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.

A list of all parts of IEC 60951 series, under the general title *Nuclear power plants – Instrumentation important to safety – Radiation monitoring for accident and post-accident conditions*, 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

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