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TECHNICAL REPORT

**Guidance for evaluation of products with respect to substance-use restrictions
in electrical and electronic products**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**GUIDANCE FOR EVALUATION OF PRODUCTS
WITH RESPECT TO SUBSTANCE-USE RESTRICTIONS
IN ELECTRICAL AND ELECTRONIC PRODUCTS**

FOREWORD

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IEC/TR 62476, which is a technical report, has been prepared by subcommittee IEC technical committee 111: Environmental standardization for electrical and electronic products and systems.

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

Enquiry draft	Report on voting
111/158/DTR	111/172/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 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

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- withdrawn,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

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

INTRODUCTION

The restriction of substances in electrical and electronic products is a growing focus of regulation and customer specifications. Producers, therefore, have a greater need to establish processes to meet the substance restrictions requirements in such electrical and electronic products. Due to the complexity of the electrical and electronic industry supply chain, a flexible framework is necessary for the many different types of electrical and electronic product parts and equipment producers.

Criteria for the restriction of substances may differ from one piece of legislation to another and from one customer's requirement to another.

Generally, "presumption of conformity" is assumed. However, in the event of additional evidence being required, producers make relevant documentation available to interested parties. This documentation can be based on physical testing using analytical techniques. However, it is difficult to perform comprehensive analytical testing on complex products and therefore several different evaluation methods, such as information from the supply chain, may be needed.

The aim of this technical report is to provide guidance on the application and limitation of evaluation methods, and associated technical documentation, based on International Standards and industry practices.

The application of appropriate evaluation methods is defined by a producer for a specific product. This technical report provides the basis for a restricted substance control framework.

GUIDANCE FOR EVALUATION OF PRODUCTS WITH RESPECT TO SUBSTANCE-USE RESTRICTIONS IN ELECTRICAL AND ELECTRONIC PRODUCTS

1 Scope

IEC/TR, which is a technical report, provides a framework for the use of internationally accepted standards, tools and practices to evaluate electrical and electronic products with respect to restricted substances. This technical report can also be applied to declarable substances which are not restricted in electrical and electronic products.

This technical report provides guidance on how technical documentation and relevant evaluation and control methods should be selected and applied for restricted or declarable substances of any producer's product.

It is not intended for setting a new management scheme or for certification purposes. Evaluation and control methods for substances in products can be integrated into an existing management system, where available.

2 Normative references

There are no normative references. Informative references are noted in the bibliography.

NOTE This clause is included so as to respect IEC clause numbering.