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SPECIFICATION

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# Procedure for the declaration of materials in products of the electrotechnical and electronic industry

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch

Commission Electrotechnique Internationale
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

# PROCEDURE FOR THE DECLARATION OF MATERIALS IN PRODUCTS OF THE ELECTROTECHNICAL AND ELECTRONIC INDUSTRY

## FOREWORD

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IEC-PAS 61906 has been processed by IEC technical committee 3: Information structures, documentation and graphical symbols.

| The text of this PAS is based on the following document | This PAS was approved for publication by the P- members of the committee concerned as indicated in the following document |
|---|---|
| **Draft PAS** | **Report on voting** |
| 3/750/NP | 3/766/RVN |

Following publication of this PAS, IEC technical committee 111: Environmental standardization for electrical and electronic products and systems, will transform it into an International Standard.

This PAS shall remain valid for an initial maximum period of three years starting from 2005-07. The validity may be extended for a single three-year period, following which it shall be revised to become another type of normative document or shall be withdrawn.

# PROCEDURE FOR THE DECLARATION OF MATERIALS IN PRODUCTS OF THE ELECTROTECHNICAL AND ELECTRONIC INDUSTRY

## 1 Scope

This PAS describes the form and procedure relating to the declaration of materials in products of companies operating in the electrotechnical and electronic industry (E&E industry) and its supplier industry, including the operational materials contained in the products.

NOTE 1 The declaration provides product information which is the foundation for a database which can be referred to in order to solve the following tasks, for example:

- assurance of legal compliance;
- management of business risks;
- fulfilment of market requirements in relation to the products;
- market information;
- preparation of self-declared environmental claims;
- assessment of effects of products on people and environment;
- implementation of avoidance and replacement strategies, reduction in material proliferation;
- information for reprocessing and removal;
- reuse, recovery and safe disposal of products or product parts;
- carrying out of supplier audits.

These data will be supplemented by the obligations under chemical substances laws to furnish material safety data sheets and by information on occupational health and safety. The declaration governed by this specification should be taken into account in purchasing and delivery agreements.

NOTE 2 There might exist additional statutory requirements. Compliance with statutory regulations is the duty of the person placing the product on the market and is a prerequisite. This concerns, for example, materials in products for which restrictions have legally binding force in the legislative area applicable to the person placing the product on the market.

NOTE 3 This information on materials in products can be drawn upon, for example, when preparing life-cycle assessments in accordance with ISO 14040 ff. or environmental labels conforming to ISO 14020, ISO 14021, ISO 14024 or ISO 14025.

NOTE 4 Criteria for selecting materials and individual constituents to be declared are not yet elaborated in this specification.

NOTE 5 The depth of declaration can be the subject of an agreement between the parties involved.

NOTE 6 Material declarations constitute one of the tools within environmental management according to ISO 14062.

NOTE 7 The material declaration is subject to account being taken of agreements on confidentiality and protection of intellectual property along the process chain.

This PAS is intended for use by the technical committees in the drafting of standards as well as by the product suppliers for the declaration of materials in products of the E&E industry in conformance with the basic principles laid down in IEC Guide 113.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC Guide 113, *Materials declaration questionnaires – Basic guidelines*[1]

ISO 14020:2000, *Environmental labels and declarations – General principles*

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1 To be published.