



---

## **GUIDE 67**

---

### **Conformity assessment — Fundamentals of product certification**

First edition 2004

**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2004

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of conformity assessment, the ISO Committee on conformity assessment (CASCO) is responsible for the development of International Standards and Guides.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

Draft Guides adopted by the responsible Committee or Group are circulated to the member bodies for voting. Publication as a Guide requires approval by at least 75 % of the member bodies casting a vote.

ISO/IEC Guide 67 was prepared by the ISO *Committee on conformity assessment* (CASCO).

## Introduction

As products are designed, produced, distributed, used and ultimately disposed of, they may give rise to societal concerns. A very frequent concern is simply whether a product is what it appears to be. Concerns can involve such product attributes as safety, health or environmental impacts, durability, compatibility, suitability for intended purposes or for stated conditions, and similar considerations. Addressing these concerns through product certification serves a dual purpose:

- a) users and consumers are able to make better decisions about products in the marketplace;
- b) by demonstrating conformity, suppliers may more effectively achieve market acceptance.

The type of activity undertaken to demonstrate conformity of product with requirements is often determined by the consequences of nonconformity. When consequences are insignificant or not severe, society may (require) expect little or no demonstration of conformity of product since the problems generated can be easily addressed and solved after they occur. In these cases the supplier's claims may be sufficient but they may be complemented by third-party product certification on a voluntary basis. However, where the consequences of nonconformity are significant, society may demand completion of activities that demonstrate conformity to requirements prior to allowing the product on the market, concurrent with the product appearing on the market, or both. One method of providing such assurance is through product certification.

Product conformity assessment is carried out in many ways and by many different parties (first party, second party and third party). Product certification is a means by which a third party provides assurance that a product conforms to specified standards and other normative documents. This Guide was developed to respond to the need to provide better understanding of the diverse functions and types of product certification.

This Guide describes some of the activities of product certification, identifies basic elements and types of product certification, and shows some of the ways of combining these elements to design a product certification system.

Various parties who have involvement in product certification tend to view product certification only in terms of the manner in which it is carried out in their own particular circumstances. Therefore, this Guide emphasizes that there are many approaches to product certification, each having legitimacy for its own particular application.

Furthermore, this Guide identifies the various activities that can be included within the general context of product certification. The consideration of each of these elements is not intended to imply that each of the elements should be present, but rather to address the way(s) in which each of the elements can be practised. This Guide shows various ways of combining these elements to design a product certification system.

This Guide is intended to foster understanding of the wide range of possibilities that fall within the context of product certification, and thereby assist those wishing to develop product certification for a particular purpose, and those with responsibility for evaluating such systems.