## INTERNATIONAL STANDARD

ISO 26262-1

First edition 2011-11-15

## Road vehicles — Functional safety —

Part 1: Vocabulary

Véhicules routiers — Sécurité fonctionnelle — Partie 1: Vocabulaire



ISO 26262-1:2011(E)



## COPYRIGHT PROTECTED DOCUMENT

© ISO 2011

The reproduction of the terms and definitions contained in this International Standard is permitted in teaching manuals, instruction booklets, technical publications and journals for strictly educational or implementation purposes. The conditions for such reproduction are: that no modifications are made to the terms and definitions; that such reproduction is not permitted for dictionaries or similar publications offered for sale; and that this International Standard is referenced as the source document.

With the sole exceptions noted above, no other 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
Web www.iso.org

Published in Switzerland

C	contents	Page
Fc	oreword	iv
In	ntroduction	V
Scope		1
1	Terms and definitions	1
2	Abbreviated terms	18
Bibliography		21
Alphabetical index		22

## **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 26262-1 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 3, *Electrical and electronic equipment*.

ISO 26262 consists of the following parts, under the general title Road vehicles — Functional safety:

- Part 1: Vocabulary
- Part 2: Management of functional safety
- Part 3: Concept phase
- Part 4: Product development at the system level
- Part 5: Product development at the hardware level
- Part 6: Product development at the software level
- Part 7: Production and operation
- Part 8: Supporting processes
- Part 9: Automotive Safety Integrity Level (ASIL)-oriented and safety-oriented analyses
- Part 10: Guideline on ISO 26262