
**Ergonomics of the thermal
environment — Evaluation of thermal
environments in vehicles —**

**Part 2:
Determination of equivalent temperature**

*Ergonomie des ambiances thermiques — Évaluation des ambiances
thermiques dans les véhicules —*

Partie 2: Détermination de la température équivalente

ISO 14505-2:2006



Reference number
ISO 14505-2:2006 (E)

© ISO 2006

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 2006

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
Web www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Assessment principles	2
4.1 General description of equivalent temperature	2
4.2 General determination principle of equivalent temperature	3
5 Specific equivalent temperatures	4
5.1 General	4
5.2 Whole body equivalent temperature	4
5.3 Segmental equivalent temperature	5
5.4 Directional equivalent temperature	5
5.5 Omnidirectional equivalent temperature	6
6 Measuring instruments	7
7 Assessment	7
7.1 Determination of whole body equivalent temperature	8
7.2 Determination of local equivalent temperature	8
Annex A (informative) Examples of measuring instruments	9
Annex B (informative) Characteristics and specifications of measuring instruments	12
Annex C (informative) Calibration and other determinations	18
Annex D (informative) Interpretation of equivalent temperature	20
Annex E (informative) Examples	23
Bibliography	25