



BSI Standards Publication

Road vehicles — Multimedia data exchange format for impact tests

Currently in preview, click buy full version

National foreword

This Published Document is the UK implementation of ISO/TS 13499:2014.

The UK participation in its preparation was entrusted to Technical Committee AUE/7, Automobile occupant restraint systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2014. Published by BSI Standards Limited 2014

ISBN 978 0 580 84347 1

ICS 43.020

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 30 September 2014.

Amendments issued since publication

Date	Text affected
------	---------------

TECHNICAL
SPECIFICATION

ISO/TS
13499

Second edition
2014-03-01

**Road vehicles — Multimedia data
exchange format for impact tests**

*Véhicules routiers — Format d'échange de données multimédia pour
les essais de choc*



Reference number
ISO/TS 13499:2014(E)

© ISO 2014



COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested 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
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 General requirements.....	2
4.1 Physical units.....	3
4.2 Data types.....	3
4.3 NOVALUE.....	3
4.4 Filename convention.....	3
5 File types.....	3
5.1 Information files.....	3
5.2 Data files.....	4
5.3 Comment files.....	4
6 File organization.....	5
6.1 Directory structure.....	5
6.2 Main directory.....	6
6.3 Subdirectories.....	6
6.4 Files.....	7
7 Data formats.....	8
8 Related electronic documents.....	8

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. www.iso.org/patents

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 12, *Passive safety crash protection systems*.

This second edition of ISO/TS 13499 cancels and replaces the first edition of ISO/TS 13499:2003, which has been technically revised.

Road vehicles — Multimedia data exchange format for impact tests

1 Scope

This Technical Specification presents a simple means for the exchange of multimedia data on impact tests between different laboratories. A format has been developed which defines a directory structure and the exchange information as ASCII files. Related electronic documents are available on the ISO website.

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.

ISO 80000-1, *Quantities and units — Part 1: General*

ISO 6487, *Road vehicles — Measurement techniques in impact tests — Instrumentation*

ISO 8601, *Data elements and interchange formats — Information interchange — Representation of dates and times*

ISO/IEC 8859-1, *Information technology — 8-bit single-byte coded graphic character sets — Part 1: Latin alphabet No. 1*

3 Terms and definitions

For the purposes of this document and all related electronic documents, the following terms and definitions apply.

3.1

test number

code specific to the test

Note 1 to entry: In this document and all related electronic documents it is referenced as <testnumber>.

3.2

test object

group of components with the same initial state (e.g. speed, direction of movement) at impact time

Note 1 to entry: In this document and all related electronic documents it is referenced as <testobject>.

3.3

channel code

code consisting of 16 characters, composed of a sequence of codes with a fixed length and specific order, defining test object, position, main location, fine locations, physical dimension, direction and filter class

Note 1 to entry: This document and all related electronic documents the complete channel code is referenced as <channelcode>.