

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV

Signatory to the Multilateral Agreements of EA, ILAC and IAF for Mutual Recognition

Accreditation



The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory

crashtest-service.com GmbH
Amelunxenstraße 30, 48167 Münster

is competent under the terms of DIN EN ISO/IEC 17025:2018 to carry out tests in the following fields:

**Testing of road restraint systems; Testing of support structures for road equipment;
Testing of vehicle security barrier systems**

The accreditation certificate shall only apply in connection with the notice of accreditation of 10.02.2021 with the accreditation number D-PL-17359-01. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 4 pages.

Registration number of the certificate: **D-PL-17359-01-00**

Berlin,
10.02.2021

Dr Heike Manke
Head of Division

Translation issued:
19.02.2021


Head of Division

*The certificate together with the annex reflects the status as indicated by the date of issue.
The current status of any given scope of accreditation may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH <https://www.dakks.de/en/content/accredited-bodies-dakks>.*

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf.

Deutsche Akkreditierungsstelle GmbH

Office Berlin
Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

The publication of extracts of the accreditation certificate is subject to the prior written approval by Deutsche Akkreditierungsstelle GmbH (DAkKS). Exempted is the unchanged form of separate disseminations of the cover sheet by the conformity assessment body mentioned overleaf.

No impression shall be made that the accreditation also extends to fields beyond the scope of accreditation attested by DAkKS.

The accreditation was granted pursuant to the Act on the Accreditation Body (AkkStelleG) of 31 July 2009 (Federal Law Gazette I p. 2625) and the Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products (Official Journal of the European Union L 218 of 9 July 2008, p. 30). DAkKS is a signatory to the Multilateral Agreements for Mutual Recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC). The signatories to these agreements recognise each other's accreditations.

The up-to-date state of membership can be retrieved from the following websites:

EA: www.european-accreditation.org

ILAC: www.ilac.org

IAF: www.iaf.nu

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-17359-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 10.02.2021

Date of issue: 10.02.2021

Holder of certificate:

crashtest-service.com GmbH
Amelunxenstraße 30, 48167 Münster

Tests in the fields:

**Testing of road restraint systems; Testing of support structures for road equipment;
Testing of vehicle security barrier systems**

Within the given testing field, the laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the free choice of standard or equivalent testing methods. The listed testing methods are exemplary. The laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.

*The certificate together with the annex reflects the status as indicated by the date of issue.
The current status of any given scope of accreditation may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH <https://www.dakks.de/en/content/accredited-bodies-dakks>.*

Abbreviations used: see last page

Page 1 of 4

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the accreditation certificate D-PL-17359-01-00

1 Testing of road restraint systems *

DIN EN 1317-1 2011-01	Road restraint systems – Part 1: Terminology and general criteria for test methods
DIN EN 1317-2 2011-01	Road restraint systems – Part 2: Performance classes, impact test acceptance criteria and test methods for safety barriers including vehicle parapets
DIN EN 1317-3 2011-01	Road restraint systems – Part 3: Performance classes, impact test acceptance criteria and test methods for crash cushions
DIN V ENV 1317-4 2002-04	Road restraint systems – Part 4: Performance classes, impact test acceptance criteria and test methods for terminals and transitions of safety barriers
DIN EN 1317-5 2012-06	Road restraint systems – Part 5: Product requirements and evaluation of confirming for vehicle restraint systems
NCHRP Report 350 1993	National Cooperative Highway Research Program
MASH 2009	Manual for Assessing Safety Hardware <i>only:</i> <i>Longitudinal Barriers, Terminals and Crash Cushions, Truck- and Trailer-Mounted Attenuators and Variable Message Sign and Arrow Board Trailers</i>
MASH 2016	Manual for Assessing Safety Hardware Second Edition <i>only:</i> <i>Longitudinal Barriers, Terminals and Crash Cushions, Truck- and Trailer-Mounted Attenuators and Variable Message Sign and Arrow Board Trailers</i>

2 Testing of support structures for road equipment

DIN EN 12767 2019-10	Passive safety of support structures for road equipment – Requirements, classification and test methods
MASH 2009	Manual for Assessing Safety Hardware <i>only:</i> <i>Support Structures, Work-Zone Traffic Control Devices, Breakaway Utility Poles, and Longitudinal Channelizers</i>

Annex to the accreditation certificate D-PL-17359-01-00

MASH
2016

Manual for Assessing Safety Hardware Second Edition
only:
*Support Structures, Work-Zone Traffic Control Devices,
Breakaway Utility Poles, and Longitudinal Channelizers*

3 Testing of vehicle security barrier systems

BS PAS 68 2010-01	Impact test specification for vehicle security barriers
BSI PAS 68 2013-08	Impact test specification for vehicle security barrier systems
BSI PAS 170-1 2017-07	Vehicle security barriers – Low speed impact testing Part 1: Trolley impact test method for bollards
ASTM F 2656-07 2007	Standard Test Method for Vehicle Crash Testing of Perimeter Barriers
ASTM F2556/F2656M – 15 2015	Standard Test Method for Crash Testing of Vehicle Security Barriers
ASTM F2656/F2656M – 18 2018	Standard Test Method for Crash Testing of Vehicle Security Barriers
ASTM F2656/F2656M – 18a 2018	Standard Test Method for Crash Testing of Vehicle Security Barriers
ASTM F2656/F2656M – 20 2020	Standard Test Method for Crash Testing of Vehicle Security Barriers
IWA 14-1 2013-11	Vehicle security barriers - Part 1: Performance requirement, vehicle impact test method and performance rating

** The requirements for a testing laboratory according to article 43 of the European Construction Products Regulation are met.*

Annex to the accreditation certificate D-PL-17359-01-00

Abbreviations used:

ASTM	American Society for Testing and Materials
BS PAS	British Standards Publicly Available Specification
BSI PAS	British Standards Institution Publicly Available Specification
CEN/TS	European Committee for Standardization/Technical Specifications
DIN	German Institute for Standardization e.V.
EN	European Standard
ENV	European Pre-Standard
IWA	International Workshop Agreement - Publisher: ISO (International Organisation for standards)
MASH	Manual for Assessing Safety Hardware of the American Association of State Highway and Transportation Officials