

Vehicle Restraint Systems

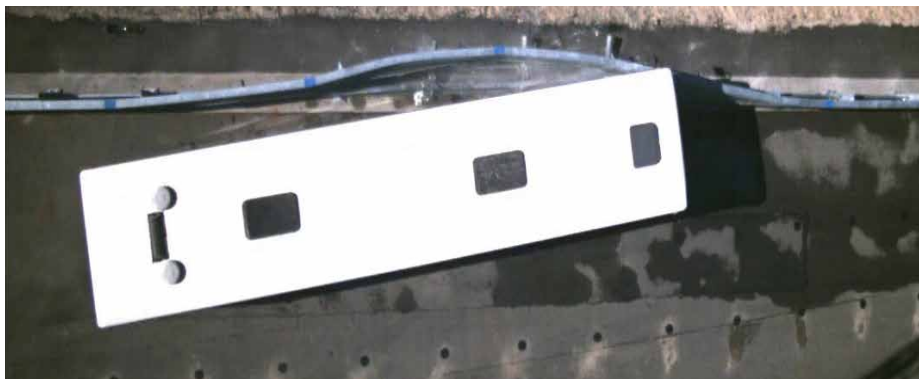
Testing, inspection and certification

Your competent partner for the development and approval of vehicle restraint systems.

- ✓ **STATIONARY AND MOVABLE SAFETY BARRIERS**
- ✓ **CRASH CUSHION**
- ✓ **TERMINALS OF SAFETY BARRIERS**
- ✓ **TRANSITIONS OF SAFETY BARRIERS**
- ✓ **VEHICLE PARAPETS**

VEHICLE RESTRAINT SYSTEMS

DTC AG is an accredited test house and a notified certification body for vehicle restraint systems. We perform impact tests, simulations, WPK inspections and certifications according to EN 1317.



Impact testTB51

YOUR BENEFITS

In-house testing

All services are provided by DTC AG at one location. Close cooperation between the individual project teams ensures efficient testing and certification.

Skilled employees

Our employees are specialists in the field of vehicle restraint systems, who are constantly improving their skills.

Confidentiality

We guarantee absolute confidentiality of projects, constructions, processes and prototypes.

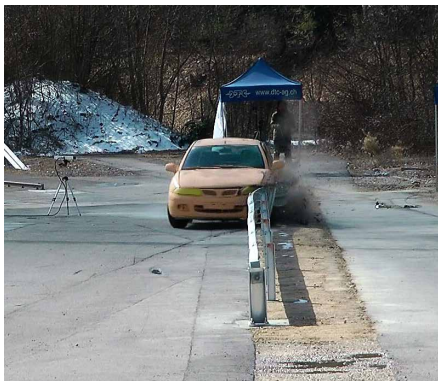
European-wide recognition

All reports and certificates according to EN 1317 issued by DTC AG are recognised throughout the EU and Switzerland..

TESTS

Our test center offers you various possibilities for impact tests on passive protective devices in road construction. Several test fields and acceleration tracks are available in Vauffelin. The surface can be individually arranged according to the customer's requirements. In addition to plane test fields, we also offer the possibility to perform tests in downsloping direction.

- Impact tests on fixed and mobile vehicle restraint systems according to EN1317-1 and EN 1317-2
TB11, TB21, TB22, TB31, TB32, TB41, TB42, TB51, TB61, TB71 und TB81
- Testing of impact absorbers according to EN 1317-3
- Initial, terminal and transition structures according to EN 1317-4
- Motorcycle underride protection according to EN 1317-8
- Load test to determine the tilt length, BASt 02.1999
- Vehicle and pedestrian parapets



Impact test TB31



Testing of a motorcycle underride protection

SIMULATIONS

Our engineering service has state-of-the-art calculation and simulation tools for dynamic impact testing. Behavior of passive protection devices such as vehicle restraint systems or impact absorbers can be simulated with these tools. The results obtained in this way can be used both in development and, in some cases, in the modification of already certified vehicle restraint systems.



Simulation TB42

CERTIFICATION / COFORMITY ASSESSMENT

The certification body of DTC AG is recognized in Switzerland as well as in the European Union. As a notified organization, it performs conformity assessment of passive protective devices according to the EN 1317-5 standard. The certification body supports you throughout the entire process from testing to completion of the conformity assessment procedure. Conformity assessment procedures are offered for manufacturers of their own systems as well as for Swiss vehicle restraint systems (according to ASTRA Directive 11005 Part A).

WPK-INSPECTIONS

The inspection body of DTC AG carries out independent WPK inspections domestically and abroad. The inspections are carried out according to System 1 of Regulation (EU) No. 305/2011 and the EN 1317-5 standard.



Have we caught your interest?

Then do not hesitate to contact us. We will be happy to create an individual offer for you.



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