



BSI Standards Publication

**Road restraint systems - Truck Mounted
Attenuators - Performance classes, impact test
acceptance criteria and test performance**

National foreword

This Published Document is the UK implementation of CEN/TS 16786:2018.

The UK participation in its preparation was entrusted to Technical Committee B/509/1, Road restraint systems.

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

BSI, as a member of CEN, is obliged to publish CEN/TS 16786:2018 as a Published Document. However, attention is drawn to the fact that during the development of this Technical Specification, the UK committee voted against its approval as a Technical Specification.

The main reason for the negative UK committee vote is concern about the inclusion of only 50, 80 and 100 km/h speed classes.

Within the UK road network, truck mounted attenuators are used for a wide variety of tasks on a large number of different roads. This also includes the high-speed road network, where traffic is permitted to travel at speeds up to and including 70 mph. This is equivalent to 113 km/h.

Current UK requirements for the testing of truck mounted attenuators (contained within TD 49/07 *Requirements for Lorry Mounted Crash Cushions*) are for it to be carried out at 110 km/h.

CEN/TS 16786:2018 only considers testing with vehicles impacting at up to 100 km/h, and hence there is a gap between these testing requirements and the speeds at which an errant vehicle may impact a truck mounted attenuator on the UK road network. This is considered to represent a safety risk for UK road users.

Other reasons for the negative UK committee vote are that CEN/TS 16786:2018 does not require testing laboratories to be accredited and that deformation of the impacting vehicle does not constitute one of the pass/fail criteria.

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

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

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English Version

Road restraint systems - Truck Mounted Attenuators -
Performance classes, impact test acceptance criteria and
test performance

Dispositifs de retenue routiers - Atténuateurs
de choc montés sur camions - Classes de
performance, critères d'acceptation des
essais de choc et méthodes d'essai

Rückhaltesysteme an Straßen -
Transportfahrzeuggestützte mobile
Anprallverzögerer (TMA) - Leistungsklassen,
Abnahmekriterien für Anprallprüfungen
und Prüfungsleistungen

This Technical Specification (CEN/TS) was approved by CEN on 13 November 2018 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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