



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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Amendments/corrigenda issued since publication

Date	Text affected
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