

PD 6688-1-7:2009+A1:2014



BSI Standards Publication

PUBLISHED DOCUMENT

Recommendations for the design of structures to BS EN 1991-1-7

This publication is not to be regarded as a British Standard.

bsi.

...making excellence a habit.
AVA Documents™
Document Sharing Hub

Publishing and copyright information

The BSI copyright notice displayed in this document indicates when the document was last issued.

© The British Standards Institution 2014

Published by BSI Standards Limited 2014

ISBN 978 0 580 86733 0

ICS 91.010.30

The following BSI references relate to the work on this

Published Document:

Committee reference B/525/1

Publication history

First published December 2008

Amendments issued since publication

Date	Text affected
August 2014	A1. See Foreword

Contents

Foreword *iii*

Introduction 1

1 Scope 1

2 Non-contradictory complementary information 1

Bibliography 12

List of tables

Table 1 – Equivalent static design forces due to vehicular impact on members supporting foot and cycle track bridges over or adjacent to roads 3

Table 2 – Consequence factor for foot and cycle track bridges 3

Table 3 – Vertical sag curve compensation 7

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 12, an inside back cover and a back cover.

Foreword

Publishing information

This Published Document is published by BSI Standards Limited, under licence from The British Standards Institution and came into effect on 31 December 2008. It was prepared by Subcommittee B/525/1, *Actions (loadings) and basis of design*, under the authority of Technical Committee B/525, *Building and civil engineering structures*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

PD 6688-1-7:2009+A1:2014 supersedes PD 6688-1-7:2009, which is withdrawn.

Relationship with other publications

This Published Document gives non-contradictory complimentary information for use in the UK with BS EN 1991-1-7:2006+A1:2014 and its UK National Annex.

Information about this document

Text introduced or altered by Amendment No. 1 is indicated in the text by tags **A1** **A1**. Minor editorial changes are not tagged.

Amendment No. 1 introduces the following principal changes:

- a) addition of new subclause **2.12 Principles for design (for accidental actions caused by explosions)**
- b) addition of new subclause **2.13 Internal explosions**

Use of this document

This publication is not to be regarded as a British Standard.

As a guide, this Published Document takes the form of guidance and recommendations. It should not be quoted as if it were a specification and particular care should be taken to ensure that claims of compliance are not misleading.

Any user claiming compliance with this Published Document is expected to be able to justify any course of action that deviates from its recommendations.

Presentational conventions

The provisions in this Published Document are presented in roman (i.e. upright) type. Its recommendations are expressed in sentences in which the principal auxiliary verb is "should".

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

The word "should" is used to express recommendations of this Published Document. The word "may" is used in the text to express permissibility, e.g. as an alternative to the primary recommendation of the clause. The word "can" is used to express possibility, e.g. a consequence of an action or an event.

Notes and commentaries are provided throughout the text of this Published Document. Notes give references and additional information that are important but do not form part of the recommendations. Commentaries give background information.

Contractual and legal considerations

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

Compliance with a Published Document cannot confer immunity from legal obligations.