

Appendix B: Contemporary accepted industry guidance for designers

VERSION 2: July 2022

This Appendix does not contain all contemporary guidance. It is specifically limited to those publications, of which the author is aware, which provide precise information on the measures with regard to Regulation 9. The expectation is that designers will follow this guidance unless there is good reason not to do so. If the latter, these reasons should be documented as a matter of good risk management.

It is usually the case that inclusion in this Appendix is because some specific aspect of the guidance document, rather than the totality, provides the key advice. If so, this is indicated in the listing.

The listing is intended to be updated as new guidance becomes available, or known about. An expanded online-only copy called Supplementary Appendix B, which will be updated regularly, will be made available here: <https://www.icevirtuallibrary.com/doi/book/10.1680/dsbe.65826>.

Designers, as well as industry organisations, are invited to suggest additions by contacting: jzcarpenter@aol.com.

Exclusion from this listing does not imply that other guidance lacks value. It is that it does not appear to provide the necessary specificity in the event that a designer is presented with, for example, options with varying risk profiles or cost variations. Regardless, other guidance will add to the knowledge base, such as those listed in the references at the end of each chapter and those in Appendix D.

Numbers	Date	Entry/amendment	Accessed (if website)
1	31/10/2020	Initial issue Version. 2	July–October 2020 July 2022
2	1/7/22	Steelwork temporary conditions (B6)	July 2022

	Title	Reason for entry
A	General (safety and health) guidance	
1	Carpenter J (2011) <i>Designing for Safer Concrete Structures</i> . Concrete Centre, Camberley, UK	Contains clear recommendations of points to be considered by the Designer. Primarily ‘safety’ but some ‘health’ issues
2	Iddon J and Carpenter J (2009) <i>Safe Access for Maintenance and Repair, Guidance for Designers</i> , 2nd edn. Construction Industry Research and Information Association (CIRIA), London, UK	Although the entire guide is helpful, it is included primarily to illustrate the information recording and discussion recommendations relating to access through the use of ‘design philosophy statements’ and the ‘access strategy’
B	Safety guidance	
1	ICE (2015) Roof work repair and maintenance. Institution of Civil Engineers. https://www.ice.org.uk/disciplines-and-resources/briefing-sheet/roof-work-repair-and-maintenance	This note provides specific guidance to edge protection on flat roofs
2	Lazarus D, Perkins C and Carpenter J (2006) Safer surfaces to walk on. CIRIA. https://www.ciria.org/ItemDetail?iProductCode=C652F&Category=FREEPUBS	This guide is full of general guidance but it is included here owing to the precise guidance provided with regard to slip resistance of surfacing materials
3	ICE (2015) Submission of Structural Engineering Data for Approval under Part A of the Building Regulations. Institution of Civil Engineers. https://www.ice.org.uk/knowledge-and-resources/best-practice/submission-of-structural-engineering-data	This note sets out specific guidance on the contents and adequacy of submissions under Part A of the Building Regulations
4	ICE (2018) <i>Recommendations for the Inspection, Maintenance and Management of Car Park Structures</i> , 2nd edn. Wapples C and McKibbins L (eds). ICE Publishing, London, UK	The theme is applicable to all parts of the UK
5	SCOSS (Standing Committee on Structural Safety), various Topic Papers at http://www.structural-safety.org/publications	This guide is full of general guidance but it is included here owing to the precise guidance provided with regard to the risk management of these structures
6	ICE (2022) Design Risk Management: Steelwork temporary conditions at https://www.ice.org.uk/engineering-resources/briefing-sheets/design-risk-management-steelwork-temporary-conditions/	A general source of information: advice and examples of failure
		Examples of essential good design practice

C Health guidance

- 1 Construction Joint specifications, at <http://www.dbp.org.uk/cs/DBP00194.pdf> Illustrates how avoidance of unnecessary work to remove laitance (with attendant health risks) can be written into the contract to demonstrate its technical acceptability
- 2 ICE (2015) Paving slabs. Institution of Civil Engineers. <https://www.ice.org.uk/disciplines-and-resources/briefing-sheet/paving-slabs> This note provides specific guidance on the selection of size of slab with respect, primarily, to health issues

D Temporary works guidance

- 1 Carpenter J, Temporary Works Forum (TWf) (2016) *Role and Responsibilities of the PWD*. <https://www.twforum.org.uk/publications/public-twf-documents/> Clarifies the role of the Permanent Works Designer with regard to temporary works
 - 2 TWf (2020) *Hoardings – A Guide to Good Practice* (TWf2012: 01). <https://www.twforum.org.uk/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=924b518e-2a9b-1963-0fe5-1567aeeeb0e2&forceDialog=0> Provides detailed guidance on all aspects of hoarding design
 - 3 TWf (Temporary Works Forum) (2013) *Stability of Reinforcement Cages Prior to Concreting*. <https://www.twforum.org.uk/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=09acf678-f560-baa2-775a-a708344a8d40&forceDialog=0> Clarifies role of the Designer (PWD and TWD)
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