

REF: SC/09/059
September 2009**BIBLIOGRAPHY: RISK MANAGEMENT**

Originating from the 15th Biennial Report

The following are recommended reading as a means of obtaining a rounded knowledge of risk issues.

1	Engineering Council. <i>Guidelines on risk issues</i> . London: Engineering Council, 1993.
2	Turnbull, John. <i>An introduction to three reports on risk and engineering</i> . London: The Royal Academy of Engineering, 2003. [See refs. 3-5]
3	The Royal Academy of Engineering. <i>The societal aspects of risk: the first in a series of reports on managing engineering risk produced by working groups of The Royal Academy of Engineering</i> . London: The Royal Academy of Engineering, 2003. Available at: http://www.raeng.org.uk/societygov/policy/current_issues/risk/default.htm [Accessed: 27 August 2009]
4	The Royal Academy of Engineering. <i>Common methodologies for risk assessment & management: the second in a series of reports on managing engineering risk produced by working groups of The Royal Academy of Engineering</i> . London: The Royal Academy of Engineering, 2003. Available at: http://www.raeng.org.uk/societygov/policy/current_issues/risk/default.htm [Accessed: 27 August 2009]
5	The Royal Academy of Engineering. <i>Risks posed by humans in the control loop: the third in a series of three reports on managing engineering risk produced by working groups of The Royal Academy of Engineering</i> . London: The Royal Academy of Engineering, 2003. Available at: http://www.raeng.org.uk/societygov/policy/current_issues/risk/default.htm [Accessed: 27 August 2009]
6	Reinforcing the Simple Messages Griffiths & Armour 2009. (and previous publications on lessons from PI Claims)
7	Adams, John. <i>Risky business: the management of risk and uncertainty</i> . London: Adam Smith Institute, 1999. Available at: http://www.adamsmith.org/publications/regulation-and-industry/risky-business-19991126252/ [Accessed 27 August 2009]
8	Institution of Civil Engineers & Institute of Actuaries. <i>RAMP: risk analysis and management for projects</i> . London: Thomas Telford, 1998.
9	Health & Safety Executive. <i>Reducing risks, protecting people: HSE's decision-making process</i> . Norwich: HMSO, 2001. Available at: http://www.hse.gov.uk/risk/theory/r2p2.htm [Accessed: 27 August 2009]
10	Mann, A. 'Risk in structural engineering'. <i>The Structural Engineer</i> , 81 (10), 20 May 2003, pp.12 & 15-17.

11	Carpenter, J. 'Reflections on structural safety [Viewpoint]'. <i>The Structural Engineer</i> , 80 (8), 16 April 2002, pp.11-12.
12	Menzies, J.B. 'Hazards, risks and structural safety'. <i>The Structural Engineer</i> , 73 (21), 7 November 1995, pp.357-363.
13	Rail Safety Standards Board. <i>Taking safe decisions [3 parts]</i> . Available at: http://www.rssb.co.uk/safety/safety_strategies/sdmoukr.asp [Accessed: 27 August 2009]
14	CIRIA. <i>A simple guide to controlling risk</i> . CIRIA SP154. London: CIRIA, 2002.
15	Construction Confederation, Fire Protection Association et al. <i>Fire prevention on construction sites: the joint code of practice on the protection from fire of construction sites and buildings undergoing renovation</i> . 6 th Edition. Moreton-in -Marsh: Fire Protection Association, 2006.
16	Ove Arup & Partners & Gilbertson, A. <i>CDM2007 - Construction work sector guidance for designers [Taking account of CDM2007 and its ACoP L144 (2007)]</i> . CIRIA Publication (C662). 3rd ed. London: CIRIA, 2007.
17	Nicholson, D et al. <i>The observational method in ground engineering: principles and applications</i> , CIRIA Report R185. London: CIRIA, 1999
18	Clayton, C.R.I. <i>Managing geotechnical risk: improving productivity in UK building and construction</i> . London: Thomas Telford, 2001.
19	Iddon, J. & Carpenter J. <i>Safe access for maintenance and repair. Guidance for designers: second edition 2009</i> . CIRIA Publication (C686). London: CIRIA, 2009.
20	Actuarial Profession & Institution of Civil Engineers. <i>Strategic risk: a guide for directors</i> . London: Thomas Telford, 2006.
21	Smith, Roderick. <i>Carpe diem: the dangers of risk aversion. The 2007 Lloyd's Register Educational Trust Lecture</i> . London: The Royal Academy of Engineering, 2007. Available at: http://www.raeng.org.uk/events/pdf/Lloyds_Lecture_booklet.pdf [Accessed: 27 August 2009]
22	Institute of Directors & Health and Safety Commission. <i>Leading health and safety at work: leadership actions for directors and board members</i> . HSE Publication INDG417. Sudbury: HSE, 2007. Available at: http://www.hse.gov.uk/pubns/indg417.pdf [Accessed: 27 August 2009]

RELEVANT CASE STUDIES

1	HM Factory Inspectorate. <i>The Abbeystead explosion: a report of the investigation by the Health & Safety Executive into the explosion on 23 May 1984 at the Valve House of the Lune/Wyre Transfer Scheme at Abbeystead</i> . London: HMSO, 1985.
2	Health & Safety Executive. <i>Collapse of a three- storey building: a report on the accident at Woodthorpe Road, Ashford, Middlesex that occurred on 1 August 1995</i> . Norwich: HSE Books, 1999.

3	Health & Safety Executive. <i>The collapse of NATM tunnels at Heathrow Airport: a report on the investigation by the Health and Safety Executive into the collapse of New Austrian Tunnelling Method (NATM) tunnels at the Central Terminal Area of Heathrow Airport on 20/21 October 1994</i> . Sudbury: HSE Books, 2000.
4	Health & Safety Executive. <i>Walkway collapse at Port Ramsgate: a report on the investigation into the walkway collapse at Port Ramsgate on 14 September 1994</i> . Norwich: HSE, 2000.
5	Standing Committee On Structural Safety. <i>Failure data sheets</i> . Available at: www.scoss.org.uk/publications.asp [Accessed: 27 August 2009]
6	Delatte, Norbert J. <i>Beyond failure: forensic case studies for civil engineers</i> . Reston, VA: ASCE, 2009.