

Construction and Building Services Information Guide

E-books

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Bell AA, HVAC equations, data, and rules of thumb, 2000
Brockenbrough RL & Merritt FS, structural steel designer's handbook (3rd edition), 1999
Frankel M, Facility piping systems handbook (2nd edition), 2002
Grimm NR & Rosaler RC, HVAC systems and components handbook (2nd edition), 1997
Luque A & Hegedus S, Handbook of photovoltaic science and engineering, 2003
Pilkey WD, Formulas for stress, strain, and structural matrices (2nd edition), 2005
Smith MA, Lighting for health and safety, 2000
Smith P, Piping materials guide - selection and applications, 2005
Wang SK, Handbook of air conditioning and refrigeration (2nd edition), 2001

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Building regulations in brief. Butterworth-Heinemann, (5th edition), 2007

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Useful Books

ASHRAE handbook: HVAC systems and equipment
ASHRAE handbook: fundamentals
ASHRAE handbook: refrigeration
Christian SD & BSI, A guide to fire safety engineering

CIBSE guide A: environmental design
CIBSE guide B1: heating
CIBSE guide B2: ventilation and air conditioning
CIBSE guide B3: ductwork
CIBSE guide B5: noise and vibration control for HVAC
CIBSE guide C: reference data
CIBSE guide D: transportation systems in buildings
CIBSE guide E: fire engineering
CIBSE guide F: energy efficiency in buildings
CIBSE guide G: public health engineering
CIBSE guide H: building control systems
Greeno R, Building services handbook
Harris CM, Shock and vibration handbook
Jennings A, Structures : from theory to practice
Langley BC, Heat pump technology
Matthews C, Engineers' guide to pressure equipment: the pocket reference
Oughton DR & Hodkinson S, Faber & Kell's heating and air conditioning of buildings
Race GL, Design checks for HVAC
Race GL and Mitchell S, HVAC building services calculations
Soboyejo W, Mechanical properties of engineered materials
Spon's mechanical and electrical services price book 2006
Young WC and Budynas RG, Roark's formulas for stress and strain
Oversize shelved on the bottom two shelves

Contracts

Building regulations for England and Wales
FIDIC Conditions of contract for design, build and turnkey
FIDIC Conditions of contract for plant and design-build: for electrical and mechanical works and for building and engineering works designed by the contractor
NEC: engineering & construction contract (ICE)
MF/1 Home or overseas contracts for the supply of electrical, electronic or mechanical plant: with erection (IMechE, IEE, ACE)
MF/2 Home or overseas contracts for the supply of electrical, electronic or mechanical plant (IMechE, IEE, ACE)
MF/3 Home contracts for the supply of electrical and mechanical goods (IMechE, IEE, ACE)
MF/4 Home or overseas agreements for the provision of consultancy services by engineering consultants (IMechE, IEE, ACE)

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21st-century cleanrooms

London, 30 September 2009

Sustainable Refurbishment

1 October 2008

Sustainable Refurbishment Context and Overview [PDF]

Chris Tuthill

[Sustainability Assessment Techniques for Existing Building Stock \[PDF\]](#)

Anis Robinson

[Energy Conservation \[PDF\]](#)

Martin Ratcliffe

[Refurbishment Case Study: Atkins' Head Office \[PDF\]](#)

Simon Hancock

[Refurbishment Case Study: North Manchester Sixth Form College \[PDF\]](#)

Mike Robinson

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ASHRAE insights	2004-	Proceedings of the IMechE part L: journal
ASHRAE journal	1959-	of materials design and applications
Building services journal	5	1999-
years		Transactions of the ASME: journal of
Fire prevention & fire engineers' journal		engineering materials and technology
1975-		1880-
Health and safety at work	1 year	Transactions of the ASME: journal of
International journal of fatigue		pressure vessel technology 1880-
1993-		The ROSPA occupational safety and
Journal of strain analysis for engineering		health journal 5 years
design	1966-	