Index

absolute duty, xi
access, 240, 241
accident
  categories, 2
  causes, 3
  definition, 2
  investigating, 7
  prevention, 3–4
  reporting and recording, 4, 6–7
  statistics, x, 2, 63
accommodation for clothing, 248
accountabilities, 120, 176, 178
active monitoring, 127–8
Acts of Parliament, x, xi, xv
adverse incident (see significant event analysis)
advice, xii, 164–5, 183, 188–9, 256
alarms, 44, 75, 115
alcohol abuse, 15
  principles of working safely, 14
  professional implications, 18–19
  screening, 17–18
amalgam, 87–8
amalgam separators, 87, 238
anaesthetic gases, 85–6, 235
anaphylactic shock, 154
annual leave, 253
appellate, xiii
appointed person, 10–11
Approved Codes of Practice (ACOPs), xi–xii
aprons, 170
armlets, 170
arson, 70
asbestos, 97–8
assessing loads, 146
asthmatic attack, 155
audit (management system), 128, 136–41, 185
auditory, 36
authorised person (decontamination), 106
authorising engineer (decontamination), 106
autoclaves, 103–4, 236–7
automated external defibrillator, 153
barrier creams, 168
basic life support (BLS), 156–7
best practice (infection control), 102
biological agents/hazard groups, 86
blood spillages, 93, 106
botox (botulinum), 87
breaches of statute law, xi
British Crime Survey, 37
British Standards, xii
Building Regulations 2000, 68
burglars, 249–50
burns and scalds, 156
cables, 64, 65
cardiac arrest, 154–5
cardiopulmonary resuscitation, 156
Care Quality Commission, 102, 188
Carriage of Dangerous Goods and Use of
  Transportable Pressure Equipment Regulations
  2009, 85, 229
CE marking, 168, 172, 230
chain of events (accident causes), 3
changing facilities, 248
Index

Chemical (hazard information and packaging for supply) Regulations 2002, 85
chemical substances
   amalgam, 87
classification and labelling, 85
material safety data sheet (MSDS), 85, 87
children (as vulnerable people at work), 30, 207
choking, 155
civil claims/actions, xi
cleaning instruments, 103
cleanliness (workplace), 246
clinical clothing, 170
clinical governance, 7, 40
clinical waste, 106, 108
committees, 22
common law, xi
common medical emergencies, 153–6
communicating health and safety, 23–4, 124–5, 176, 179
compensation, xi
competent people, 124
competent persons (decontamination), 107
competent persons (fire safety), 69
competent persons (pressure vessels), 107
complex accident investigation, 7, 9
compressors, 236–7
computers (see also display screen equipment), 54
Conduct of Employment Agencies and Employment Businesses Regulations 2003, 222
cone beam computed tomography (CBCT), 185–7
conflict management
   causes, 38–9
definitions, 38
effects, 39
risk assessment, 40–4
Construction (Design and Management) Regulations (CDM) 2007, 22, 241
Construction Skills Certification Scheme (CSCS), 226
construction work (notifiable projects), 226
consulting/consultation, 22, 124, 174
contact dermatitis, 98
continuing professional development (CPD), 24
contract cleaners, 224
contractors
   Construction Design Management (CDM) coordinator, 226
   planning and selecting, 224, 226
   Principal Contractor, 226
   vulnerable people, 207
   working with, 226
contributory negligence, xi
Control of Asbestos Regulations 2006, 85
close of health and safety, 124
Control of Lead at Work Regulations 2002, 85
Control of Noise at Work Regulations 2003, 168
Control of Substances Hazardous to Health Regulations 2002 (COSHH), 85
Control of Substances Hazardous to Health (COSHH)
   approved substance list, 89
   assessment, 88–96
   biological agents, 86
   chemical substances, 87
   control measures, 91–2
definition, 85
   hazard groups, 86
records, 93
cooperation and coordination (premises), 241
cooperation of people, 124
Corporate Manslaughter (England, Wales and Northern Ireland) and Corporate Homicide (Scotland) Act 2007, xiv–xv
courts of law, xiv
Criminal Records Bureau (CRB), 223, 256
Dangerous Goods Safety Advisor (DGSA), 97
dangerous occurrence, 2, 4, 6
darkroom procedures, 185
Data Protection Act (accident records), 7
death or major injury, 2, 3
decontamination areas, 104
decontamination lead, 106
defuse and de-escalate (conflict), 44
Department for Environment, Food and Rural Affairs (DEFRA), 87, 256
Department of Health (DH), 165
designated person (decontamination), 106
designers, manufacturers, suppliers and importers responsibilities, xiv
diabetic hypoglycaemia, 154
disability
   access audit, 52
   definition, 48
discrimination, 48–9
   reasonable adjustments, 49, 51–2, 248
Disability Discrimination Act (DDA) 1995 (as amended), 47–8
disabled worker (vulnerable person), 207, 253
display screen equipment
   analysing and assessing workstations, 57
eye sight tests, 62
health problems, 56–7
risk assessment, 59–62
self-assessment questionnaire, 58
users and operators (definitions), 55–6
document log, 126
domiciliary visits, 115–16
dose limitations, 182
dose meter monitoring, 183, 184, 189, 190
drinking water, 248
drug abuse, 15
  management of, 17–18
  principles of working safely, 14
  professional implications, 17–18
  screening, 17–18
dynamic risk assessment, 44–5, 201
eating facilities, 248
ear protection, 170
egress, 241
EH 40 (substances), 85, 88
electrical inspection and testing, 65
electricity
  competent persons, 65
  Electricity at Work Regulations, 229
  fixed electrical systems, 64–5
  hazards, 64
  portable electrical appliances, 65, 230–1
Electricity at Work Regulations 1989, 63
emergencies (types), 68
emergency drug kit, 153
emergency evacuation, 52, 77
emergency lighting, 77
emergency planning, 68
emergency procedures (substances), 93–4
employee representatives, 23
employee responsibilities, xiii, 120
employer responsibilities (management), xiii,
  119–20
Employers’ Liability (Compulsory Insurance) Regulations 1998, 2
employers’ liability insurance, 9
employment agencies, 222
Employment Equality (Age) Regulations 2006, 161
Employment Medical Advisory Service (EMAS), 22
energy assessment, 231, 235
enforcement actions, xii–xiii
enforcement authorities/agencies, xii
enforcement database, 224
enforcement notices, xii–xiii
environmental factors, 3
Environmental Health Officers (EHOs), xii
environmental monitoring, 128
epileptic attack, 154
equipment (see work equipment)
ergonomics, 54, 57
essential quality requirements, 102
European Academy of Dental and Maxillofacial Radiography (EADMFR), 186
European Regulations, xiv
exemplar employer, 119
expectant mother (see new and expectant mother)
extension leads, 64, 65
external people responsibilities, 121
eye and eyesight disturbances, 56
eyesight tests (see display screen equipment)
face shield, 169
fainting (management), 153–4
falls and falling objects, 247
fatigue and stress, 56
film processing, 184–5
film storage, 185
fire
  alarms, 75
  assembly point, 77
  authority, xii
  detection, 75
  doors, 77
  evacuation and drills, 77, 82
  extinguishers, 75, 77
  fighting equipment/systems, 75, 77
  hazards, 70
  legal definitions, 69
  protection inspection record, 76
  risk assessment, 70–5, 77–8, 81
  safety audit, 78, 79–81
  safety duties, 69–70
  safety policy, 81
  safety training, 78
  signs and notices, 77–8
  travel distance, 77
  triangle, 74
first aid
  assessment of need, 10
  box/kit (minimum contents), 10
  first aiders, 11
  homeworkers, 116, 249
  personnel, 10
  provision, 10
  purpose, 9
  training, 11
fit note, 162
Five Steps to Managing Health and Safety, 121–36
fixed electrical systems, 64–5, 242, 244–6
floors, 105, 247
footwear, 165
Index

gas cylinders, 86, 235

gas safety, 242

glasses, 169

glazing, 247

gloves, 169

Guidance Notes, xii

haemorrhage, 156

hand hygiene, 104–5

hand instruments, 235

hand pieces and air-driven instruments, 235–6

hand protection, 168–9

hazard groups (biological agents), 86

hazard identification (methods), 203

hazard reporting, 202

hazard types, 198

hazardous substances (definitions), 85 (see Control of Substances Hazardous to Health)

Hierarchy of Control, 91–2

Hazardous Waste Regulations 2005, 85, 96, 102

Health Act 2006, 15–16

Health and Safety at Work etc. Act 1974, xiii–xiv

Health and Safety (Consultation with employees) Regulations 1996, 22

health and safety culture, 3, 124

Health and Safety (Display Screen Equipment Regulations 1992 (as amended), 55

Health and Safety Executive, xii, 165

Health and Safety (First Aid) Regulations 1981, 2

health and safety management (reasons), 118–19

health and safety professionals, 165

health and safety promotion, 23

Health and Safety (Signs and Signals) Regulations 1996, 68, 240

Health and Safety (Training for Employment) Regulations 1990, 22

Health and Social Care Act 2008, 101

health and well-being, 162

Health Protection Agency (HPA), 188–9

health surveillance, 92–3

Health Technical Memorandum (HTM) 01–05, 102

Health Technical Memorandum (HTM) 01–05 (roles and responsibilities), 106–7

hierarchy of control
general, 204

substances, 91–2

home working, 115–16, 253

hours of work, 252–3

housekeeping, 246

human factors, 3

immunisation, 93

HTM 01–05, 106

record, 94

impairment (definition), 48

impressions, 106

Improvement notice, xiii

Incident Contact Centre (ICC), 4, 256

incident reporting and recording (conflict), 45

induction training, 27

elements of an induction, 31

people who need induction, 27, 30

plan and confirmation record, 32–5

purpose, 27

structuring the induction, 30

infection control policy, 102–3

Information and Consultation of Employees Regulations 2004, 22

information, instruction, training and supervision, 23

information sources, 256

initial status review, 121–3

ill-health (causes at work), 161–2

Independent Safeguarding Authority (ISA), 223, 256

inoculation injury, 96

inspections (workplace), 127, 242–3, 245

inspectors, xii

insurance, 9

investigations, xii, 7

Ionising Radiation Regulations 1999 (IRR), 182

Ionising Radiation (Medical Exposure) Regulations 2000 (IRMER), 182

ionising radiation

employees' responsibilities, 185

justification, optimisation and limitation, 181

notification, 182

quality assurance and risk control, 184–5

staff register, 183

irritant (chemicals), 85

job descriptions, 125, 213

justification, 181

kinaesthetic, 36

laboratories (dental), 106

landlords' responsibilities, xiv, 242

laser protection advisor (LPA), 188

laser safety officer (LSO), 188

lasers, 187–8

latex, 98

law enforcement, xii

law poster, 22

lead, 98–9
lease agreements (premises), 241, 242
legal notices, xiii
legionella, 99
less favourable treatment, 49
lifestyle diseases, 160
lifestyle questionnaire, 164
lifting equipment (hoist), 238
Lifting Operations and Lifting Equipment Regulations 1998 (LOLER), 229
lighting (workplace), 246
limitations, 181
local authority, xii
Local Health Boards, 165
locums, 120, 222–4
lone worker
  definition, 111
  risk assessment, 111–16, 249
  vulnerable person, 207
low-risk environments, x

Magistrates Court, xiv
maintenance schedule (workplace and fixed equipment), 242–5
major injury, 2, 4, 6
management of health and safety
  audit, 128, 136–41
  initial status review, 121, 122–3
  management control, 3
  management structure, 123–5
  management styles, 162
  monitor and measure performance, 127–8, 179
  organise the team, 123–5
  planning and implementing, 125–7
  policy setting, 121, 123
  principles and practice, 121–36
  reasons, 118–19
  responsibilities, 119–21
  review, 128–35, 179
Management of Health and Safety at Work Regulations 1999, 118, 191
managing director responsibilities, 120
manual handling
  activities assessment, 144–6
  environment, 146, 147
  guideline weights, 146
  individual capabilities, 146–7
  injuries, 144
  loads, 146
  pregnancy, 146–7, 200
  risk assessment, 146–9
  tasks, 146, 147
  training, 147
Manual Handling Operations Regulations 1992, 143
manuals, 170
material safety data sheet (MSDS), 85, 87, 88
medical emergencies
  common causes, 152
  common types, 152
  minimise risks, 152
  management of, 153
  training, 153, 158
medical devices (definition), 235
Medical Devices Regulations 2002, 229
medical physics expert (MPE), 183
mercury screening, 95
misuse of alcohol, 13
Misuse of Drugs Act 1971, 14
musculoskeletal disorders, 54, 56
national statistics (life expectancy), 160, 256
near miss, 2
negligence (see contributory negligence)
new and expectant mothers
  biological agents, chemical agents, physical agents, ergonomic and organisational, 198–200
  fire, 69
  ionising radiation, 182
  management of, 120
  manual handling, 146–7
  vulnerable group, 205–6, 253
nitrous oxide (see also anaesthetic gases and gas cylinders), 85
non-infective dermatitis, 98
non-ionising radiation, 187, 190
non-legislative guidance, xi–xii
notification (ionising radiation), 182
objective setting, 125, 174, 176
occupational dermatitis, 98
occupational factors (accident causes), 3
occupational health
  definition, 161
  service, 164–5, 214
occupational stress, 211, 213
occupiers and those in control of premises, 241
Occupiers Liability Act 1957 & 1984, 221, 222, 241
offences and penalties, xiv
optimisation, 181
organisational factors (accident causes), 3
over 3-day injury, 2
oxygen (see also anaesthetic gases and gas cylinders), 70
Index

penalties, xiv
peripatetic workers, 111
performance standards, 125, 127
personal exposure monitoring, 92
personal protective equipment
   as a last resort, 167, 172
   Health Technical Memorandum (HTM), 105
   range and risk assessment, 168–71
   responsibilities, 168, 171
   training on the use of, 168, 171
Personal Protective Equipment at Work Regulations 1992 (as amended), 167
personnel records (substances), 93
places of work, 111, 240
planning for health and safety, 125, 127
police force, xii
policy
   arrangements, 176
   communicating and distributing, 176, 179
   content, 176
   development, 121, 123
   infection control, 102–3
   monitoring, reviewing and revising, 179
   preparing the policy, 174–6
   purpose of, 174
   review, 128–35
   roles and responsibilities, 176, 178
   statement of commitment, 176, 177
portable electrical appliances, 231, 232–4,
   competent person, 66
   damaged equipment report, 234
   electrical safety, 65
   hazards, 229–30
   inspection and testing schedule, 232
   maintenance, 231
   range of, 229, 236, 238
   use of, 230–1
   visual inspection, 233
posters, 22, 23
post-incident support, 45–6
powers of inspectors, xii
practice manager (responsibilities), 121, 174
practice meetings, 23
pre-employment medical screening, 30, 93, 162
pregnancy (see new and expectant mothers)
promotion campaigns, 23
prosecutions, xiii, xiv
Provision and Use of Work Equipment Regulations 1998 (PUWER), 229
public liability insurance, 9
public safety, 222, 242
quality assurance (radiation protection), 184–5
quality care, 40
quality framework, 119
quasi-legal status, xi
radiation
   annual dose limitations, 183
   authorisation (HSE), 182
   classified persons, 184
   controlled area, 184
   employees responsibilities, 185
   image quality monitoring, 184–5
   inventory of equipment, 184
   ionising radiation safety, 182–4
   justification, optimisation, limitation, 181
   local rules, 184, 188, 190
   non-ionising radiation, 187–8
   notification, 182
   operators, 184, 189–90
   pregnancy, 56, 182
   quality assurance and risk control, 184–5
   radiation protection advisor (RPA), 182, 189
   radiation protection supervisor (RPS), 183
   staff register, 183, 184
   training, 184
Radiation Protection Division, 188–9
radon gas, 187
reactive monitoring, 127–8
reasonable adjustment, 49, 51
reasonable care, xi
reasonably practicable, xi, 227
records/document log, 125, 126
refresher training, 31, 36
registered manager (infection control), 106
classified persons, 184
certificates (control of), 241
Pressure Safety Systems Regulations 2000, 229
pressures, 236–7
Primary Care Trusts, 165
primary legislation, xiii
proactive approach (accident prevention), 1
progressive illness, 48
Prohibition notice, xiii
public liability insurance, 9
public safety, 222, 242
quality assurance (radiation protection), 184–5
quality care, 40
quality framework, 119
quasi-legal status, xi
radiation
   annual dose limitations, 183
   authorisation (HSE), 182
   classified persons, 184
   controlled area, 184
   employees responsibilities, 185
   image quality monitoring, 184–5
   inventory of equipment, 184
   ionising radiation safety, 182–4
   justification, optimisation, limitation, 181
   local rules, 184, 188, 190
   non-ionising radiation, 187–8
   notification, 182
   operators, 184, 189–90
   pregnancy, 56, 182
   quality assurance and risk control, 184–5
   radiation protection advisor (RPA), 182, 189
   radiation protection supervisor (RPS), 183
   staff register, 183, 184
   training, 184
Radiation Protection Division, 188–9
radon gas, 187
reactive monitoring, 127–8
reasonable adjustment, 49, 51
reasonable care, xi
reasonably practicable, xi, 227
records/document log, 125, 126
refresher training, 31, 36
registered manager (infection control), 106
Regulatory Reform (Fire Safety) Order 2005 (RRFSO), 67
relevant person (fire), 69
repetitive strain injury (RSI), 56
reportable disease, 4, 6
Reporting of Injuries, Diseases, Dangerous Occurrences Regulations 1995 (RIDDOR), 4–7, 45
residual current devices (RCDs), 64
responsible person (fire), 69
responsibilities, xiii–xiv, 119–21, 123–4, 162–3, 174, 176, 222
Index 263

rest areas, 248
rest breaks, 252–3
rest periods, 252
restricted access, 222,
return to work, 162, 206, 207
Resuscitation Council UK, 153, 156, 157
risk assessment
  activity/task-based, 195–6, 198
  competent person, 201–2
  control measures, 204
  definitions, 198
  groups – general, specific, implied, 192
  legal requirements, 192,
  monitoring and reviewing, 193, 208
  principles of, 193, 198
  process, 201–5
  recording, 192–3, 197, 204–5
  risk evaluation, 203–4
  risk rating formula, 204
  situation-based, 193–4, 198
  suitable and sufficient, 192
  types, 198, 201
  vulnerable groups, 205–8
risk assessments in the dental practice
  conflict, 40–4
  display screen assessment, 57
  fire safety, 70–5
  hazardous substances, 88–93
  lone working, 111–16
  manual handling, 146–9
  new and expectant mothers, 199–200, 205
  personal protective equipment, 168
  radiation protection, 182
  work equipment, 230–1
  workplace stressors, 211–15
  young person, 206–7
risk phrases and safety phrases (chemical substances), 87
room dimensions, 247

safety card (visitors’), 225
safety colour coding (workplace), 241
Safety Representatives and Safety Committees
  Regulations 1977, 22
safety walk tours, 127
sanitary conveniences, 246
scavenging unit, 86
SEDENTEXCT project, 186
self-employed responsibilities, xiii–xiv
service engineer, 107
shared workplaces, 241
sharps injury, 96
shock, 155
significant event analysis, 7
signs and notices, 10, 16, 22, 69, 77–8, 153, 184,
  190, 222, 223, 241
Six Pack regulations, xiv
skin rashes, 56
slips, trips and falls, 247
smoking, 15–16, 248
Smoke Free (Premises and Enforcement) Regulations 2006, 14
Smoke-free (Signs) Regulations 2007, 14
Social Security (Claims and Payments) Amendment Regulations 2006, 7
so far as is reasonably practicable, xi, xiv
Standards for Better Health, 7
St Andrew’s cross, 85
statute law, x–xi
statutory duties, xi
sterilisation, 103–4
stress
  definitions, 210
  effects, 210–11
  Health and Safety Executive standards,
    211–19
  primary causes, 211–13
  risk assessment (staff and organisation),
    211–18
  risk assessment (measure performance),
    215–19
  roles and responsibilities, 214
  signs and symptoms, 211
  support for individuals, 219
stroke, 155
suction systems, 105, 237–8
supervision, 23
surface and equipment decontamination, 105–6
surveys, 127–8
task analysis, 127
temperature (workplace), 246
temporary staff, 120, 222–4
tenancy agreements, 241
Toilets (Sanitary Conveniences), 246
toxic (chemicals), 85
traceability of records, 125, 126
training (infection control), 103
training needs analysis, 24, 25–6
training process, 24–30
training records, 27–9
travelling first aid kits, 10
trespassers, 249–50
ultrasonic bath, 103, 238
unsafe acts/unsafe conditions, 3
vaccination (see immunisation)
ventilation, 86, 246
violent behaviour, 38
visitors, 207, 222, 223, 225, 242
visors, 170
visual learning, 36
vomit spillage, 93
vulnerable groups, 30, 68, 89, 110, 146–7, 182, 203, 214, 253

washer disinfectors, 103, 238
washing facilities, 248
water lines, 106
water systems, 99
well-being, 162
windows, 247–8
women of reproductive age, 207
work equipment
  damaged equipment report, 234
dentistry specific equipment, 235–8
hazards, 229–30
inspection and testing schedule, 232
maintenance, 231–5
purchasing, 230
range and hazards, 229–30
visual inspections, 233
safe using, 230–1
work experience, 207
working alone in the practice, 115–16
working at heights, 248–9, 250
Working at Heights Regulations 2005 (as amended) 2007, 241
Working for a Healthier Tomorrow (Dame Carol Black), 162
working from home, 115–16, 249
working hours
  definitions, 252
  legal limits (weekly, rest periods, annual leave), 252–3, 254
  managing working hours, 253
  opt out records, 254
  vulnerable groups, 253–4
  work–life balance, 162–4
  Working Time Regulations 1998 (WTR) (as amended), 251
workplace
  cleaning and waste materials, 246–7
  clothing accommodation and changing facilities, 248
  definition, 240
  dimensions and space, 247
  disabled access, 248
  drinking water, 248
  falls and falling objects, 247
  fixed equipment and systems, 242
  floors and traffic routes, 247
  inspection, 242–3, 245–6
  lighting, 246
  maintenance, 242–3
  responsibilities, 241–2
  rest facilities, 248
  rooms dimensions and space, 247
  sanitary conveniences and washing facilities, 248, 249
  signs and notices, 241
  smoking, 248
  temperature, 246, 250
  ventilation, 246
  windows, doors, gates, walls, skylights, ventilators, 247–8
  workstations and seating, 57, 247
workplace exposure limits (WELs), 85
Workplace (Health, Safety and Welfare) Regulations 1992, 240
work-related upper limb disorders (WRULDs), 56
workstations, 55, 57
World Health Organization (WHO), 165
wrong doings, xi

X-ray equipment (see ionising radiation)

young persons, 30, 69, 146–7, 182, 206–7, 252, 253, 254