

Index

- 24/7, 6, 110
 5 S, 80
 7 wastes, 215, 225, 228, 239
- absenteeism, 43, 55, 91, 110, 137,
 160, 164, 217
- accident rate, 180
- accidents, 50, 58, 79, 174, 181, 192
- accuracy, 124, 198
- achievable, 41–2, 88, 134–5, 137
- achievement, 35, 37, 132, 211, 218
- actionable cost, 159
- action board, 140, 142–3, 214
- action limit, 203–4
- action log, 144–5
- action team, 35
- adherence to plan, 53
- administration, 15, 49, 85, 95, 143
- agency, 15, 86, 132, 186
- agency labour, 15, 86, 132
- annualised contract, 14
- annualised hours, 14, 85, 131
- appeal, 110
- arrows, 75
- artificial ingredients, 4
- attendance, 142–3
- attitude, 21, 31, 33–4, 44, 73,
 82, 212
- audit score, 48, 50–51
- authority, 213
- auto correction, 200
- autonomous maintenance, 192, 197
- availability, 42, 45, 82, 131, 134, 153, 171,
 178, 181, 193, 206, 222
- availability losses, 178, 181, 193
- average changeover time, 45
- average giveaway, 47
- average temperature, 49
- average weight, 26, 53, 133, 159
- bacteria, 48
- bad habits, 78
- bad quality, 147
- balance, 6, 14, 34, 48, 53, 56, 83,
 105–7, 150, 184, 188–9, 199, 207
- bang for your buck, 154, 165
- Bank Holiday, 55
- batches, 79, 91
- behavior, 21, 30, 33, 34, 44, 46, 73, 82,
 118, 168
- beliefs, 33, 82
- benchmarking, 41, 50, 176–7, 193, 209,
 215, 217
- better yield, 23, 55
- Bill of Materials (BOM), 121, 123
- blame culture, 115, 170, 212
- blind alleys, 34
- BOGOF, 82, 119
- bonus, 37
- bottleneck, 126, 128, 150
- brainstorming, 169
- breakdown, 2, 41, 44, 55, 68, 84, 91,
 99, 116, 134, 140, 148, 153,
 160, 164, 172, 193, 195, 213
- breakdown recovery, 68
- bringing the solution, 143
- business benefits, 139, 182
- buy one get one free, 82

- calculation, 14, 42, 50, 58–9, 87, 123, 193
- calibration, 49, 71, 93
- capacity, 15, 17, 22, 24, 85–7, 121, 126, 132, 150, 171
- casual labour, 86
- catch trays, 69
- cause and effect charts, 168, 170
- Certificate of Conformity, 97
- changeover, 3, 38, 45–6, 53, 57, 64, 67, 70, 72, 79, 129, 135, 137, 148, 160, 173, 177, 198, 200–203, 208
- change parts, 62, 64, 73, 198–9
- changing a material, 10
- check sheet, 111–12
- checkweigher, 55, 93, 101
- choice, 82, 103
- Christmas, 17
- clarity, 35, 112
- cleaning, 17, 68–70, 75, 202
- clear rules, 111, 213
- clutter, 62–5, 67
- colour coded packaging, 77
- colour coding, 71, 73–4, 199
- coloured paperwork, 74
- commercial advantage, 81
- communications, 45, 51, 54, 80, 110, 112–13, 116, 120, 133, 139
- communications plan, 115
- compare, 25, 38–9, 41–2, 46, 47, 55, 58, 68, 93, 132, 140, 160–161, 173, 176–7, 202, 215–17
- competence, 79
- competitive, 6, 22, 81, 89, 102, 116, 118, 217–18
- competitive market, 6
- complaint, 160, 177, 185, 216
- complexity, 3, 11–12, 46
- compressed air, 8, 189
- computer, 17, 59, 87, 112, 114, 123, 160, 163, 170
- consistent, 2, 6, 23–4, 47, 55, 68, 82, 109–10, 173, 175–6, 191, 196, 215–16
- consumer, 1–4, 7, 10–12, 47, 81–2, 94, 95, 97, 102–3, 118, 120, 126, 130, 153, 217
- consumer viewpoint, 94
- contamination, 62, 67, 99–100
- contingency planning, 87
- continuity of supply, 171
- continuous improvement, 22, 26, 34–5, 68, 89, 99, 102, 116–17, 173, 197–8, 200, 218
- contract labour, 15, 132
- control charts, 203
- control measures, 96
- copy cat, 21
- corrective action, 5–6, 42, 43, 46, 48, 87, 132–3, 163, 175, 190, 194, 205, 212
- cost(s), 2, 4, 6–18, 22–4, 26, 30, 34, 41–2, 44, 46, 48, 53, 64, 68, 70, 73, 82, 87, 94, 98, 100, 102, 107, 112, 124, 128, 132, 135, 143, 146, 148, 153, 158–60, 162, 164, 171, 173, 177, 180, 184, 188–9, 191, 196; 199, 202, 213, 215, 217–18
 - advantage, 22
 - control, 6, 17, 159
 - dilution, 15–16
 - of manufacture, 6, 124
- counting errors, 137
- crisis plan, 116
- Critical Control Point (CCP), 43, 74, 102, 159
- criticality, 170
- culture, 115–16, 211–12
- customer focus, 82, 87
- customer needs, 82
- customer service, 159, 180, 213, 215
- cycle time, 148–9
- Daily/Weekly Operating Report (DWOR), 59, 60, 90, 92, 139–40, 140, 143, 173
- dashboard, 60
- data capture, 112, 133, 155, 165
- data collection, 38, 55, 60, 159, 161, 163–4, 213
- decision making, 52, 118, 128, 133, 202, 213
- DECT phone, 114
- deep cleaning, 69
- deeper understanding, 68
- defects, 150–151, 164, 196
- delay, 38, 45, 53, 84, 97, 128, 135, 142, 148–9, 190
- delist, 124, 171
- delivery, 2, 4, 8, 11, 16, 24, 35, 45, 82, 88, 92, 97, 150, 151, 159, 170, 171, 196, 218
 - expectations, 82
 - performance, 2, 4
- depot, 23
- detective, 113, 217

- dilution, 15
- discipline, 43, 67, 69, 93, 98, 110, 115–16, 132, 135, 143, 218
- discount, 8, 150, 152
- distractions, 212
- distribution, 4, 53, 87, 150, 184
- distribution centres, 150
- document control, 111–12
- double handling, 95, 97, 99, 179, 182, 184
- downtime, 44–6, 64, 79, 160, 172
- drainage system, 155
- duplication, 2

- economic downturn, 3
- economies of scale, 4
- efficiency, 5, 12–13, 42, 46–7, 53, 57, 67, 69, 90, 94, 97, 120, 137, 180, 185, 189
- effluent, 156, 189, 217
- elements of production, 120, 126
- eliminate, 15, 17, 22, 79, 95, 103, 107–8, 154, 188, 212
- email, 114
- employer costs, 13
- empowered, 209, 211
- energy, 4, 95, 153, 188, 207, 209, 215, 217
- engineer, 44, 63, 68, 112, 114–15, 120, 143, 177, 186, 192, 197, 198, 216
- enterprise resource planning (ERP), 88
- environment, 24, 77, 111, 113, 159, 169, 192, 197, 209, 211–12
- equipment
 - design, 198
 - failure, 148, 193
 - graveyard, 64
- ergonomics, 146, 148, 181
- error proofing, 199, 200
- errors, 92, 111, 124, 137, 148, 180, 192, 199–200, 212
- escalation levels, 213
- escalation system, 133
- excessive transportation, 153
- excess stock, 3, 149, 152, 182
- external task, 201, 202
- extra capacity, 17, 22
- extra deliveries, 152
- extra output, 22, 56

- factories, 1, 2, 6, 16, 22, 24, 37, 41, 43, 46, 48, 51, 55, 58, 81, 86, 89, 102, 114, 116, 120, 124, 131, 133, 143, 148, 150, 152–3, 155, 159, 176, 186, 189–90, 192–3, 196, 201, 209–10, 217–18
- factory audit, 111
- families and friends, 208
- farms, 1
- faulty seals, 48
- financially viable, 96
- First in First Out (FIFO), 78
- fishbone diagram, 168, 170, 180
- fixed cost, 7–8, 15–17, 22, 159
- flat surfaces, 67,
- flexibility, 7, 14, 78, 81, 84–5, 87, 99, 102, 130–132, 152, 207, 218
- flexible contracts, 131
- flexible working arrangements, 24, 85, 87
- floor markings, 72, 74
- fluctuating pay packet, 85
- focused minor modifications 197
- food fashion, 2–3, 11–12, 20
- food materials, 4, 9, 11, 121, 123–4, 148, 151, 156, 187, 196
- food miles, 1
- food safety, 1, 6, 73–4, 159, 186
- forecasts, 86, 121, 124, 150
- foreign body, 62, 99, 100

- gangmaster, 86
- giveaway, 23, 47, 93, 129, 133, 159, 165
- graveyard, 64
- groundhog day, 29
- gut feel, 20, 52, 154

- HACCP, 43, 74, 102, 159
- handling and storage, 95
- hand swab, 43, 44
- hand washing, 43, 109
- hassle, 92
- headcount, 54, 93, 99, 105
- heating, 95, 103, 148, 202
- hidden cost, 128, 180
- higher value work, 17
- historical performance, 164
- history, 90, 94, 155, 175, 203
- holiday pay, 13, 99, 161

- human nature, 113
- hygiene, 15, 17, 24, 29–30, 44, 48, 51, 62, 64, 68, 84, 86, 109, 111, 115–16, 148, 185, 188, 198, 210
 - costs, 17
 - stop, 84
 - window, 17, 24
- ideal state, 19
- ideas and brainpower, 208
- idle time, 106, 147, 184, 196, 201
- Idling and Minor Stoppages, 195
- imitated, 81–2
- improved reliability, 68
- improvement
 - activity, 30, 34–5, 37, 42–3, 56, 71, 143, 184, 186
 - cycle, 186
 - opportunity, 43, 113, 180–181
 - team, 30, 34, 41, 45, 111, 173, 176, 208
- inconsistent, 6
- individual productivity, 72
- individual role, 35
- informal training, 78
- information not data, 163
- ingredient, 4–5, 10, 12, 71, 73, 77, 79, 103, 111, 120, 121, 126, 129, 134, 146, 160, 164, 203
- ingredient recognition, 77
- inherent variability, 202
- innovation, 32, 189, 218
- inspect, 23, 68, 95, 192, 212
- instability, 92
- integration, 86
- internal tasks, 201–2
- inventory, 152, 153
- investigation, 90–92, 110, 145, 175, 184
- investment, 34, 82–3, 89, 99–100, 139, 150, 189, 196–7, 218
- journey, 20, 21, 25, 35, 37, 60, 102, 153, 218
- just in case, 2, 123, 149, 152
- Just in Time (JIT), 98–9, 123, 153, 171, 181, 188
- just too late, 98
- Kanban, 182
- Key Performance Indicator (KPI), 39, 41, 43–4, 47, 49, 50–51, 55, 57–8, 60, 90, 93, 139, 142–3, 155, 162, 164, 168, 170, 173, 193, 215
- knock on effect, 34, 56, 186
- labelling, 95, 127
- labour efficiency, 13, 46, 90
- labour planning, 130–131, 137
- lack of materials, 45, 137, 148
- landfill, 146, 150, 162, 176
- late back, 46, 180
- launches, 2, 21, 43, 81, 91, 109, 118, 120, 140, 179
- leadership, 30
- lead-time, 171
- league table, 176, 216–17
- lean thinking, 20
- leap forward, 28
- Learning Factory, 116
- legal, 10, 26, 102, 159, 180
- legal requirement, 159
- leveler of performance, 79
- lighting, 95
- lightweights, 58
- limiting factor, 24
- limits of authority, 213
- line balancing, 103, 148
- listening, 113
- local team, 41, 51
- logical flow, 153
- logistics, 140
- looking in waste bins, 180
- lost sale, 151
- lost time, 29, 65, 156, 160, 163–4, 181, 195, 213
- low cost manufacture, 68
- lowering cost, 6
- low hanging fruit, 37, 90
- low profit margin, 2, 7, 24, 81, 192, 207
- low sales, 7, 85
- machine
 - cycle, 148, 149
 - efficiency, 47
 - KPIs, 44
 - run rate, 52
- maintaining the standards, 69
- maintenance, 8, 44, 68, 99, 112, 131, 143, 148, 192, 196, 213
- make time, 32

- making changes stick, 110
- man-hours, 58, 140
- manpower planning, 129
- marked gauges, 75
- master production schedule, 121
- material requirements, 87, 123, 137
- material requirements planning (MRP), 87, 123, 137
- materials planning system, 121, 123–4
- mean time between failures, 41
- measure early, 190
- measurement, 25–6, 35, 39, 41, 44, 47, 60, 133, 155, 162, 172, 176, 189, 193, 215
- meetings, 55, 59, 115, 139–40, 142, 173
- method improvement, 79
- methods of production, 3
- microbiology, 97
- minimum stock, 152
- minor modifications, 79, 153, 196–8, 200
- minor stoppages, 195
- mistakes, 32, 53, 69, 77, 111, 175
- mobile phone, 114
- model, 107, 197
- modifications, 79, 153, 196–8, 200
- momentum, 37, 87, 139
- monitoring performance, 139
- morale, 34, 180
- motion, 146, 148, 179
- motivation, 21, 37, 42, 86, 97, 115, 137, 140, 148, 177, 180, 189, 208, 212, 216
- MTBF, 41, 193
- multi-national, 14

- national insurance, 13–14, 99, 161
- natural materials, 5
- near misses, 50
- negotiate, 8–9, 11–12, 14
- new product, 3, 21–22, 37, 43, 63, 81, 91, 109, 120, 140, 179, 201, 208, 215
- no cost low cost, 22, 28, 30, 34, 100, 150, 218
- non conformances, 48
- non financial incentives, 34
- non value adding, 92, 96, 101, 143
- not my fault, 51
- nutrition, 1, 10, 102

- obesity, 1
- off shoring, 14
- one touch, 179, 188

- on time in full, 82, 87, 170, 196
- open mesh lockers, 67
- operatives trained, 43
- operator motion, 146–8
- opportunity spotting, 179, 188
- optimisation losses, 150
- optimise, 38, 51, 87, 103, 110, 188, 197, 200
- order, 7–8, 12, 17, 22, 24, 34, 57, 82, 84, 86–7, 121, 123–4, 128, 133, 149–50, 164, 170–171, 213
- output, 17, 22, 24, 39, 42, 47, 48, 56, 59, 69, 83, 97, 104–6, 110, 126, 128, 133–5, 140, 149–50, 164, 176, 184, 194, 196–8, 209
- Overall Equipment Effectiveness (OEE), 45, 140, 172, 176–7, 177, 193, 215
- overproduction, 149, 152
- oversight, 112
- overtime, 7, 13–14, 17, 84, 131
- overweight, 53, 164

- packaging, 1, 3, 7–8, 10–12, 24, 57, 63, 77, 81, 87, 91, 93, 103, 118, 120, 124, 126, 132, 134, 146, 148, 152, 159, 161, 171, 181, 187, 197, 207
- packaging prices, 12
- packaging redesign, 12
- papers, 114
- paperwork, 41, 51, 64, 74, 93, 100, 112, 212
- Pareto Analysis, 164, 168
- partly processed, 153
- pay rate, 7, 13, 79, 99, 161
- payroll, 26
- pay scales, 79
- pension, 14
- people KPIs, 43
- people management, 28
- perfection, 96, 102, 179
- performance, 2, 4, 6–7, 10, 21, 26, 33–5, 37–8, 41–5, 49–50, 54–5, 58–9, 62, 68, 73, 79, 81–2, 87, 90, 92, 100, 102, 110, 115, 128, 132–4, 139–40, 142–3, 148, 156, 160, 164, 170, 173, 176–80, 186–7, 192, 194, 196–200, 202, 207, 209, 212, 214–15, 217–18
- and action boards, 142–3
- centre, 142
- losses, 178–9
- Personal Development Plans (PDPs), 209, 213

- pest control, 96, 186
- photographs, 12, 70, 74, 77
- pit stop, 201–2, 208
- plan-do-check, 186
- planning, 12, 87, 118, 120, 121, 124,
 - 128–9, 131–2, 137, 143, 149,
 - 170–171, 182, 201
- planning horizons, 120
- planning systems, 87, 120–121, 131
- Poke Yoka, 199
- political food, 1
- power factor correction, 189
- power of a team, 34
- PPE, 13, 15
- predict, 5–6, 14, 118, 145, 154, 202, 211
- pressure, 1–3, 6, 41, 49, 73–4, 82,
 - 93, 155, 170–172, 192, 194,
 - 207, 218
- preventative maintenance, 68, 192
- price, 1–2, 4, 8–9, 11–15, 22, 34, 57, 82, 103,
 - 118, 123, 150, 162, 215, 217–18
 - of food materials, 9, 11
 - of labour, 12–15
 - promotions, 15, 118
- process
 - check, 49
 - control records, 111
 - development, 91–2, 107
 - KPIs, 49
- product
 - differentiation, 125
 - KPIs, 47
 - quality, 42, 73, 79, 159, 185
 - rejects, 196
 - safety, 22, 148
- production
 - crews, 17
 - runs, 3, 29, 91
- productivity, 10, 37, 47, 72, 103, 105, 140,
 - 161, 171, 181, 184, 196, 217
- profitability, 13, 21–2, 110, 146
- profit margin, 2, 6–7, 15, 22–4, 42, 54, 81–2,
 - 98, 192, 208–9
- promotion, 7, 15, 58, 82, 118, 171
- pros and cons, 99
- protective equipment, 13, 77, 99
- psychometric testing, 211
- pull system, 182
- push system, 182
- quality, 5–6, 10, 12, 21–3, 42, 45, 48, 55, 58,
 - 64, 69–71, 73, 79, 82, 89, 92–3, 97,
 - 102–3, 111–12, 114, 134, 143, 150–151,
 - 155, 178, 180, 185, 189, 193, 196, 201,
 - 209, 215, 217–18
- losses, 178, 193
- management, 189–90
- score, 48, 90, 217
- quantity, 3–4, 10–11, 25–6, 45, 47, 58, 68,
 - 82–3, 87, 110, 121, 123–4, 131, 133,
 - 140, 148, 150, 156–7, 160, 163, 168,
 - 176, 178, 184, 189, 201, 217
- quick changeovers, 64, 200, 208
- quicker response, 24
- quick fixes, 189
- quick win, 90
- radar screen, 173
- radical improvement, 89
- rainy day, 64
- rate of pay, 13
- rationalise, 22
- realistic, 41, 135
- recession, 3, 14
- recipe control, 111
- recognition, 21, 34–5, 37, 77
- recommendations, 34
- records, 52, 59, 74, 94–5, 111, 149, 159–60,
 - 175, 210, 212
- red tagging, 63
- reduced speed, 194
- reduced yield, 196
- redundant, 12, 63, 69, 124, 126
- refrigeration, 8, 49
- regular inspection, 68
- reject, 2, 5, 10, 23, 45, 48, 56, 68, 92–3,
 - 148–51, 156, 160, 162, 164, 170, 178,
 - 180, 185, 188, 190, 195–6, 213
- reliability, 1, 68, 98, 193, 198, 218
- relocate, 14
- renegotiation, 14
- renting, 7
- replenish, 12, 131, 182
- responsibility, 13, 15, 17, 28, 33, 44, 87, 102,
 - 131, 213–14
- responsive, 24, 81, 87, 132, 152
- responsiveness, 81–2, 87–8, 132, 152
- restructure, 16, 22
- rewards scheme, 37

- rework, 30, 48, 150, 180, 188–9, 195
- right first time, 2, 3, 23, 42, 46, 48, 146, 151, 185, 188, 190, 196, 212
- risk, 11–12, 28, 62, 64, 67, 86, 93, 99–100, 113, 124–5, 148, 153, 182, 210
- risk factor, 100
- role, 6, 35, 43–4, 47, 69, 87, 102, 115, 184, 190, 194, 201, 208–9, 211
- root cause analysis, 180

- safety, 1, 6, 13, 21–2, 33, 43, 49, 50, 68, 70, 73, 79, 86, 95, 97, 111, 135, 148, 152, 159, 180, 185, 199, 209
- safety KPIs, 50
- sales decline, 3, 23
- SCADA, 112
- schedule, 17, 53, 91, 112, 126
- segregation of allergens, 71
- selecting team members, 211
- semi variable cost, 7–8, 159
- senior management, 35, 112, 173
- service issues, 172
- service level, 6, 23, 170, 180, 213
- set locations, 63, 72
- setting storage locations, 64
- setting targets, 42, 218
- set up and adjustment, 194
- seven wastes, 146, 195, 199
- shadow boards, 64, 67, 73
- shelf-life, 3, 46, 58, 84, 86, 118, 121, 123–4, 150, 152, 201
- Shewhart chart, 203–4
- shift patterns, 83–4, 86, 110, 120
- shift system, 6, 60
- shop-floor, 3, 6, 35, 46, 73, 75, 87, 92–3, 111–13, 128, 131–2, 141–2, 162, 188, 213
- shopping basket, 2
- Short Interval Controls (SIC), 39, 52–3, 128, 132, 135, 163, 170, 194
- short notice, 24, 86
- Single Minute Exchange of Dies (SMED), 200, 202, 206
- skips, 19, 146, 155, 176
- slack, 2, 16, 87, 107, 132
- smarter not harder, 207
- soft landing, 171
- solutions not problems, 29
- sort, 62, 68–9, 73
- spare machines, 24, 62, 132
- specification, 5, 9–10, 18, 37, 48, 97, 102, 150, 159, 186, 190–191, 196–7, 204
- Standard Deviation, 163
- standardise, 62, 69, 71, 73
- standardised tasks, 69
- standard method, 69–71, 78–9, 114
- standard operation procedures, 43, 71, 77–9, 89, 93, 110, 191
- start of shift meeting, 54, 115, 135, 139, 141, 143, 168, 214
- Statistical Process Control (SPC), 202
- stepper motor, 189
- sticking to plan, 132–3
- stock
 - levels, 8, 12, 22, 124, 171, 181
 - losses, 171
 - rotation, 71, 78, 96, 99–100, 171
- storage, 14, 23–4, 53, 64–5, 67–9, 72, 74, 78, 95–7, 99, 112, 123–4, 150, 153, 160, 179
 - area, 23, 64, 78, 95
 - location, 64, 67–9, 72, 74, 179
- strain injuries, 181
- strategic, 120
- stretching, 41–2
- string diagram, 154
- sub-meter, 189
- suggestions, 30, 32, 37, 109, 180, 185, 211
- supervisor, 28, 52, 113, 120, 133, 141, 143
- supplier assurance, 97
- supply chain, 1–3, 12, 51, 57, 81–2, 150
- supportive culture, 116
- sustain, 1, 14, 22, 30, 62, 73, 87, 207
- sustainable competitive advantage, 22
- sweating the assets, 83
- sweep, 62, 68–9

- TAKT time, 184, 191
- tannoy systems, 114
- target, 35, 37, 41–2, 52, 57, 59, 90, 107, 135, 137, 163, 168, 173, 175, 179, 184, 190, 194, 201, 203, 209, 211, 218
- target line, 163, 203
- team leader, 28–30, 43, 77, 141, 143, 209
- team objective, 35
- teamwork, 6, 28, 34, 51, 116, 198, 212
- temporary staff, 132
- testing, 70, 78, 97, 211
- theory of costs, 7

- tidier, 23, 24
- timely, 60, 133, 155
- time to first good product, 202
- time to lean, 184
- tinker, 92
- tomorrow will be different, 175
- toolbox, 64, 65–7, 179
- Total Productive Maintenance (TPM), 192–3, 195–6, 198, 200
- tracability, 71
- traffic signs, 77
- training, 15, 33, 43, 48, 51, 71, 73, 78, 86, 173, 192, 196, 199, 209–10
- training department, 210
- transport, 14, 16, 24, 95, 97, 113, 153, 162, 179
- trend, 81, 162, 164, 173, 175
- trend analysis, 164
- trend graph, 164, 175
- trolley, 64, 82
- trouble-shooting, 168
- two bin system, 182

- under-utilised, 24
- uneven shift patterns, 86
- unforeseen effects, 51
- unplanned, 46, 132, 150–151, 171
- unplanned changeovers, 46
- unskilled, 86, 120, 132
- unsold, 150
- unstable, 197
- urgency, 8
- useful and actionable, 160, 162, 168, 213
- utility bill, 188

- value added activity, 97
- value expectations, 103
- value for money, 82
- Value Stream Mapping (VSM), 26, 94, 96–7, 100, 102–3, 107, 153
- variable cost, 7, 9, 12, 15–17, 159
- visitors, 140, 184, 185
- visual factory, 74, 163
- visual standards, 77

- visual systems, 73
- volume, 4, 7–8, 10, 12, 15–16, 22, 24, 57, 87, 187–8, 213, 217
- volume related discounts, 8

- wage bill, 13
- wages, 99, 148, 161
- waiting time, 148, 179, 181
- walky-talkies, 114
- warehouse, 3, 11–12, 45, 56, 73, 113, 140, 149–50, 152, 171, 182
- warming up, 148
- warning, 60, 110, 173, 200, 203
- warning limits, 203
- war on waste, 156
- waste, 1, 5, 10, 23, 25, 29–30, 37, 39, 42, 48, 56–8, 62, 65, 67, 69, 72, 82, 89, 92–3, 96, 99, 110, 112, 115–16, 120, 133, 140, 146, 195, 199, 207, 213, 217–18
- water consumption, 188–9
- water ingress, 198
- wave of data, 157, 162
- weather, 24, 58, 118–19
- weekend working, 22, 83
- what good looks like, 42, 176, 215, 217
- white board, 143, 145
- why?, 93
- working day, 24, 84
- working environment, 24
- working patterns, 51
- working smarter, 68, 207
- work in progress, 8, 153, 176, 181, 218
- workplace organisation, 62, 69, 73, 100
- work planning, 131
- workstation, 64, 103, 105–6, 147–8, 181
- World Class Manufacturing, 117, 176, 178, 215, 218
- worth it, 17, 103

- yield, 5, 23, 26, 41–2, 55, 92–3, 121, 123–4, 129, 133, 137, 154, 161, 196

- zero errors, 192