

# INDEX

- Absenteeism
  - bonus and, 94, 100–104
  - defined, 100
  - impact, 100
  - involuntary, 101–102
  - occupational illnesses, 101–102
  - voluntary/unofficial, 100–101
- Absenteeism without permission (AWOP), 94, 104
- Ackroyd, S., 15, 38, 42, 43, 44, 46, 55–56, 72, 78, 97, 108, 109, 197, 234, 257
- AfricaGold mine, 25–33
  - fatal injuries, 32
  - poor mine planning, 109–113
  - production costs, 31
  - production sections, 26
  - production volume, 30–31
  - Safety is Our First Value*, 31–32
  - safety performance, 32–33, 33
  - teams, 26
- AIFR. *See* All injury frequency rate (AIFR)
- All injury frequency rate (AIFR), 32
- Allsop, D., 39, 54
- AMCU. *See* Association of Mineworkers and Construction Union (AMCU)
- Appelbaum, E., 199, 210
- Appin Inquiry, 59
- Artful sabotage, 49
- Association of Mineworkers and Construction Union (AMCU), 31, 114
- Atkinson, P., 25
- Autocratic supervisory styles, 156–157
- Autonomy, 191
- AWOP. *See* Absenteeism without permission (AWOP)
- Baby Boomers, 125–126
- Bailey, T., 199, 210
- Balogun, J., 225
- Bamforth, K. W., 89, 212, 213
- Barker, J. R., 131
- Barling, J., 210
- Beck, J. P., 16
- Beer, M., 133
- Bensman, J., 60
- Berg, P., 199, 210
- Bezuidenhout, A., 34, 114, 116–117, 118, 220
- Bieder, C., 15, 55, 80
- Billett, S., 78
- Blauner, R., 43
- Blokland, P., 214
- Blyton, P., 39–40
- Boje, D., 104
- Bolton, S., 15, 16, 43, 44, 78, 137
- Bonus scheme, 40
  - absenteeism and, 94, 100–104
  - co-worker conflict, 129–131
  - goals, 91–95
  - implementation at the rock-face, 95–117
  - ineffective shop-steward leadership, 113–117
  - maladministration, 103, 113
  - mechanical breakdowns, 75–76

- overview, 88–90
- poor mine planning, 109–113
- poor resourcing, 108–109
- as significant motivator, 88
- work intensification, 94, 103, 104–108
- Borys, D., 15, 16, 52, 55, 80, 81, 210, 221, 222, 223
- Bourrier, M., 15, 55, 80
- Bozzoli, B., 40
- Braverman, H., 39
- Bribes, 116
- Budgetary constraints, 71–72
- Buhlungu, S., 34, 114, 116–117, 118, 220
- Burawoy, M., 43, 44, 50–51, 53, 56, 78, 80
- Bureaucratisation, 15, 16, 39, 42, 52, 80, 209–212
- Calveley, M., 39, 54
- Cannon, M. D., 133
- Centrelink, 48
- Chamber of Mines of South Africa, 1–2
- Change management, 163–180
- CoalCo Mining Company, 70
- Cohesiveness, 200–201
- Cole, R. E., 134
- Collinson, D., 17, 48, 54
- Communication, supervisory styles, 195–198
- Computerisation of migrant labour system, 40
- Conchie, S. M., 190–191
- Congress of South African Trade Unions (COSATU), 114
- Consent, 37, 43, 47, 61, 78
- Conway, E., 61
- Cooperation, 39, 57, 82, 87–117, 131, 201
- Corruption, 116
- COSATU. *See* Congress of South African Trade Unions (COSATU)
- Cost-cutting measures, SDWT training and, 157–158
- Council for Scientific and Industrial Research (CSIR), 29
- Co-worker conflict, 129–137
  - advent of, 47
  - implications of, 137–138
  - slackers, 131–132
  - team-based production bonus scheme, 129–131
- Cropanzano, R., 184
- Crush, J., 40–41
- CSIR. *See* Council for Scientific and Industrial Research (CSIR)
- Dalton, M., 45, 47, 57–58, 61, 71, 95, 130, 138
- Deep-level mining
  - leadership styles, 183–203
  - Millennials, 128–129
  - planisa*, 79–80
  - workplace ethnography, 25–33
- Deery, S. P., 48, 56
- Dekker, S.W.A., 15, 16, 52, 80, 81, 210, 211, 213, 219
- Delbridge, R., 60–61
- Dennis, N., 54–55, 133
- Devinatz, V. G., 43, 48, 49, 53, 54, 58, 89, 211
- Dickinson, W. J., 41, 49
- Diversity management, 138, 174, 220, 221
- Electronic surveillance systems, 41
- Emery, F. E., 213, 226
- Employee involvement, 115, 124, 138, 191, 196, 220
- Entrepreneurial union representative, 117

- Equipment failure, 155  
Ethnography, 25–33
- Fairness. *See* Trust and fairness
- Fatalities, 6
- Finlay, W., 39, 58
- Flanders, A., 113, 218
- Ford, Henry, 38
- Fordism, 38
- Foucault, M., 40
- Frick, K., 219
- Frontline supervisors  
  as agent and recipient of  
    workplace change, 187–188  
  changing nature of, 187  
  personality, identity or behaviour,  
    187  
  *planisa* (making a plan), 185–186  
  as serious facilitator, 223–225  
  supervisory styles, 188–203  
  *See also* Supervisory styles
- Frontline workers, informal work  
  practices, 43–55
- Functional misbehaviour, 50, 72, 82
- Gee, P., 14, 78, 144, 210
- Generational differences, 123
- Generation X, 126
- Generation Y. *See* Millennials
- Gerver, I., 60
- Ghanem, W., 226–227
- Gherardi, S., 77, 81, 211, 221
- Goffman, E., 49–50
- GoldCo, 25  
  operational factors, 32, 33  
  safety performance, 32–33
- Gold sector, 2–3
- Gouldner, A. W., 55, 57, 59
- Grote, G., 210
- Hale, A., 15, 16, 52, 55, 80, 81, 210,  
  221, 222, 223
- Hale, A. R., 211
- Hammersley, M., 25
- Hawthorne studies, 41–43
- Henriques, F., 54–55, 133
- Hewlett-Packard, 133
- Hill, R. P., 127
- HIV/AIDS, 102
- Hodson, R., 16, 29, 82, 90, 101, 109,  
  131, 144, 164, 177, 195, 200
- Hopkins, A., 51–52, 59, 62, 77, 81,  
  88, 109, 210, 211, 214–215,  
  225
- Horizontal conflict, 47
- Houlihan, M., 15, 16, 43, 44, 78, 137
- Hudson, P. T. W., 211, 213
- Hull, G., 14, 78, 144, 210
- ILO. *See* International Labour  
  Organisation (ILO)
- Incentive scheme  
  design of, 88  
  literature on, 90  
  production goals and, 88  
  reasons for, 91–92
- Informal work practices, 37–61  
  frontline workers, 43–55  
  Hawthorne studies, 41–43  
  managerial interests, 55–61  
  overview, 37–38  
  scientific management, 38–41
- Informal organisation, 27, 37,  
  210–213, 222
- Intensification of work. *See* Work  
  intensification
- International Labour Organisation  
  (ILO), 90
- Iszatt-White, M., 15, 81, 221
- Iverson, R. D., 48, 56, 210
- Jenkins, J., 39–40
- Jermier, J. M., 61
- Job promotion, 107
- Johnson, G., 225
- Junor, A., 48

- Kalleberg, A. L., 199, 210  
 Komache, K., 79–80  
 Kumar, P., 113
- Labour process, 15, 17, 28, 38, 39, 234
- Labour shortages  
 absenteeism without permission, 104  
 occupational illnesses, 101–102
- Lankshear, C., 14, 78, 144, 210  
 LaNuez, D., 61  
 Lawton, R., 80, 211, 213
- Leader-member exchange (LMX)  
 relationship  
 defined, 184  
*planisa* (making a plan) and, 185–186  
 quality of, 184–185  
 work-related outcomes, 184  
*See also* Supervisory styles
- Leadership  
 shift-bosses, 193–195  
 weak, trade union, 113–117  
*See also* Supervisory styles
- Learning Hub (MOSH), 5, 29  
 Leger, J., 40, 52, 55, 78, 88, 101, 167  
 Leidner, R., 47–48  
 Lingard, H., 80  
 Lost-time injury (LTI), 93  
 Lowe, J., 60–61  
 LTI. *See* Lost-time injury (LTI)  
 Lupton, T., 43, 46, 47, 59  
 Lutchman, C., 226–227
- MacNeil, C., 187  
 Maguire, K., 79–80  
 Maharaj, R., 226–227  
 Managerial interests, informal work practices and, 55–61  
 Marek, J., 213, 226  
 Marriott, R., 90  
 Martin, R., 51
- Marx, Karl, 99, 106, 107  
 Maslen, S., 88, 89, 210, 214–215, 225  
 Material shortages, 72–73  
 McDonalds, 47–48  
 McHughes, Robert, 30  
 Mechanical breakdowns, 73–76  
 production bonuses, 75–76  
 production pressure, 74–75  
 SDWT training and, 155
- Millennials  
 fuss about, 127–128  
 multigenerational workplace, 125–126  
 organisational socialisation, 127  
 positive accounts, 127–128  
 post-apartheid workplace, 128–129  
 stereotypes, 127
- Mine Health and Safety Act (MHSA), 3, 76, 102  
 Mine Health and Safety Council (MHSC), 3  
 Mining Occupational Safety and Health (MOSH), 5  
 Misbehaviour, 50, 82, 97, 103, 197  
 Mitchell, M., 184  
 Monks, K., 61  
 MOSH. *See* Mining Occupational Safety and Health (MOSH)
- Mulholland, K., 42, 48  
 Multigenerational workplace, 125–126  
 organisational socialisation, 127  
 Myers, K. K., 127
- National Treasury of South Africa, 2  
 National Union of Metalworkers of South Africa (NUMSA), 114  
 National Union of Mineworkers (NUM), 31  
 Nichols, T., 51, 56, 59, 62, 74, 77, 103, 105, 108, 219  
 Nicolini, D., 77, 81, 211, 221

- Nippon CTV, 60  
 Non-monetary incentive, 224–225  
 NUM. *See* National Union of Mineworkers (NUM)
- O'Brien, M., 48  
 Occupational fatalities, 6  
 Occupational health and safety (OHS), 3, 5–6  
 O'Connell, M., 187  
 O'Donnell, M., 48  
 Olson, M., 225  
 Operational efficiency, 14, 79, 89–90, 164, 175–176  
 Organisational citizenship, 144, 224  
 Organisational socialisation, 127  
 Organisation of production, 191–192  
 Osterman, P., 90, 210
- Panopticism, 40–41  
 Parker, D., 80, 211, 213  
 Participant observation, 25–26, 28–29, 31, 44, 231  
 PDS. *See* Proximity detection systems (PDS)  
 PGM. *See* Platinum group metals (PGM)  
 Phakathi, T. S., 29–30, 45, 220  
 PhoneCo, 48  
 Piece-rate system, 40  
 Piece-wage system, 106  
 Pietikainen, E., 214, 215, 217  
*Planisa* (making a plan), 17, 185  
   budgetary constraints, 71–72  
   LMX relationship and, 185–186  
   material shortages, 72–73  
   pros and cons of, 76–79  
   significance, 80–82  
   standards, 71  
   triggers of, 70–73  
   workplace change and, 79–80  
 Platinum group metals (PGM), 1  
 Poor mine planning, 109–113  
 Poor resourcing of mining teams, 108–109  
 Post-apartheid workplace, Millennials at, 128–129  
 Prasad, A., 43, 49  
 Prasad, P., 43, 49  
 Proceduralisation, 16, 52–53, 210, 211  
 Production  
   bonus scheme. *See* Bonus scheme  
   organisation of, 191–192  
   pressure, mechanical breakdowns and, 74–75  
 Production crews, 80, 106, 154, 157, 173, 185, 186, 188–191  
 Proximity detection systems (PDS), 5
- Reason, J., 15–16, 17, 52, 80, 82, 210, 211, 212, 213  
 Rees, C., 104, 138, 144, 145  
 Reiman, T., 214, 215, 217  
 Remiers, G., 214  
 Resistance, 14, 15, 37, 38, 47, 53, 88, 163, 166, 167, 179  
   to bureaucratisation, 52  
   collective, 42  
   covert forms of, 43, 45, 48–49  
   overt forms of, 43  
 Resourcing of mining teams  
   bonus scheme and, 108–109  
 Richards, J., 15, 49, 50, 62, 72, 82, 97, 108, 221  
 Roethlisberger, F. J., 41, 49  
 Rosenthal, P., 42, 47  
 Rowlinson, S., 80  
 Roy, Donald, 43, 44–45  
 Russell, B., 104
- Sadaghiani, K., 127  
*Safety is Our First Value*, 31–32  
 Safety performance, 6  
 Schmitz, P., 214

- The Science of Muddling Through* (Lindblom), 50
- Scientific management, informal work practices, 38–41
- Sdudla*, 91  
*See also* Bonus scheme
- Self-directed work team (SDWT)  
 training, 144–153  
 assessment, 152–153  
 autocratic supervisory styles, 156–157  
 cost-cutting measures, 157–158  
 lack of supplies, 154  
 organisational and managerial support, 155–156  
 overview, 144–145  
 production results, 158–161, 159–160  
 workplace implementation, 153
- Shift-bosses, supervisory styles of, 188–203  
 communication, 195–198  
 leadership, 193–195  
 organisation of production, 191–192  
 team cohesiveness, 200–201  
 trust and fairness, 198–200  
 worker motivation, 202–203  
*See also* Leader-member exchange (LMX) relationship
- Shop-floor culture, 77
- Shop-floor supervisors. *See* Frontline supervisors
- Shop-steward leadership, 113–117  
*See also* Trade union
- Silicosis, 101–102
- Slaughter, C., 54–55, 133
- Socialisation. *See* Organisational socialisation
- Social support, 190, 191
- Sociology of Work Programme (SWOP), 29
- Socio-technical system, 213–218
- Solansky, S. T., 124
- Sommerville, M., 70
- South African mines  
 economic performance, 2–3  
 employment/job opportunities, 2, 3  
 extractive techniques, 1  
 occupational health and safety initiatives, 3, 5–6  
 production costs, 1–2  
 safety performance, 6, 7–13  
 workplace change initiatives, 6, 14–17
- Standardisation, 16, 39, 40, 48, 52, 209, 210, 211, 212
- Stereotypes, Millennials, 127
- Supervisors. *See* Frontline supervisors
- Supervisory styles  
 autocratic, 156–157  
 communication, 195–198  
 leadership, 193–195  
 organisation of production, 191–192  
 shift-bosses, 188–203  
 team cohesiveness, 200–201  
 trust and fairness, 198–200  
 worker motivation, 202–203
- SWOP. *See* Sociology of Work Programme (SWOP)
- Swutse, P., 211, 214
- Tacit knowledge, 43–44, 52, 55, 77, 167, 194, 209–210, 221–223
- Taylor, Frederick Winslow, 37, 38–41, 77–78
- Taylorism, 37, 38–41, 77–78
- Team  
 cohesiveness, 200–201  
 identification, 124
- Teamwork  
 criticism of, 124  
 high-performing work groups, 128
- Theunissen, J., 214

- Thompson, P., 15, 38, 42, 44, 46,  
55–56, 72, 97, 108, 109, 197,  
234, 257
- Thompson, W. E., 49
- Time-theft, 100, 104
- Trade union, 26, 27–28, 31  
corruption, 116  
production bonuses and, 88,  
113–117  
role, 113  
weak leadership, 113–117
- Transformational leadership style,  
190, 223–224
- Tripartite Action Plan, 5
- Trist, E. L., 89, 212, 213
- Trust and fairness, 198–200
- Tuberculosis, 101–102
- Ultra-deep mining, 70
- Vallas, S. P., 15, 16, 81, 138
- Verschuur, W. L., 211, 213
- Veteran Generation, 125
- VFL. *See* Visible-felt leadership  
(VFL)
- Violation, 80, 81, 213
- Visible-felt leadership (VFL), 205
- von Holdt, K., 113–114
- Walsh, J. T., 48, 56
- Walters, D., 219
- Watson, T. J., 75–76, 81
- Webster, E., 14, 30, 78, 99, 113–114
- Weick, K. E., 211, 221
- Winsor, R., 104
- Work culture of *planisa*, 80–82  
*See also* *Planisa* (making a plan)
- Work process, 14–15, 17, 28, 30,  
37–61, 69–83, 104, 128, 144,  
145, 161, 166, 179, 210–212,  
213, 214, 222
- Work rules, 16, 56, 60, 62, 80, 89,  
185, 192, 197
- Worker alienation, Marxist theory of,  
81
- Workers  
motivation, 202–203  
restrictive practices, 38  
scientific management, 38–41
- Work group dynamics, 124
- Work intensification, bonus and, 94,  
103, 104–108
- Workplace  
generation, 125  
multigenerational, 125–126  
*See also* Frontline supervisors;  
Supervisory styles
- Work teams  
autocratic supervisory styles,  
156–157  
equipment failure, 155  
mechanical breakdowns, 155  
organisational and managerial  
support, 155–156
- Yarrow, M., 39
- Zacharatos, A., 210
- Zero harm, 5–6