

# Index

**Key:** Text references in normal font; graphics in *italics* as follows: Photographs, *25p*, diagrams, *25d*, and maps/plans as *25m*.

- 1879 International Exhibition, Sydney, 34, 51-53, 67  
1890s Depression, 85-86, 130, 256, 257  
1930s Depression, 178-179, 198, 262, 265  
1913 Wages Board, Lithgow, 147-148  
1917 General Strike, 158, 242, 261  
1919 Influenza epidemic, 161, 255p
- Aborigines, 27  
Accidents:  
    Barrow lift 1918, 147  
    Blast furnace explosion 1909, 136  
    Cadia mine tragedy 1921, 193  
    Railway, 219, 242-243, 248p  
    Slag explosion 1883, 73  
AIS Colliery, Lithgow, 202, 236, 246, 265  
Allen, George, furnaceman, 280  
Andrew Barclay & Son, locomotive builders, 21, 202, 209, 211, 246-247, 248-249  
Anglican Church, Lithgow, 73, 91  
ANZAC legend, 154  
Asher, Dr John, 252  
Ashley, William, blast furnace keeper, 61, 119  
Ashley, William Patrick, alderman, 137  
Ashworth, John W, businessman, 28  
Atlas Engineering works, 55, 71  
Ausburn, William L ('Bill'), roller, 177  
Australasian Iron & Steel Coy, 94  
Australian Federation, 81, 95, 98, 101, 109, 137  
Australian Imperial Forces, 155  
Australian Iron & Steel Colliery, 236, 244, 266  
Australian Iron & Steel (AIS) Ltd., 169-171, 179, 198, 210, 268, 283  
Australian iron and steel makers, 19-23, 22d  
Australian Labor Party, 103, 137, 141, 143, 158, 166, 178, 251, 257, 260  
Australian Steam Navigation Company, Pyrmont foundry, 10p, 14  
Australian steel industry family tree, 183d  
Babcock & Wilcox boilers, 112, 229p, 281, 286, 286p  
Back Creek iron ore mine (Newbridge), 48, 59  
    'Back to Lithgow' week (1927), 177  
Baker, David, BHP steel expert, 143  
Baker, Thomas ('Tom'), 43, 44, 60  
Baldwin steam trams, 52, 54p  
Baldwins Limited, Wales, 171  
Ballarat, 51, 61, 129, 130  
Bardwell, David ('Blackie'), watchman, 172  
Barrow hoist/lift, 37, 46p, 114, 147  
Barrowmen, 114, 147, 176, 278  
Barwell, Charles, ladleman, 280  
Basic steel-making, 275  
Bathurst, 13, 26, 27, 28, 30p, 31, 57, 95, 139, 144, 154, 164  
BBH iron, see Bradley, Barrows and Hall Ironworks  
Beeby, George Stephen, politician/judge, 134-135, 135p, 138, 165, 178  
Beer strike 1881, 75, 257  
Bellis & Morcom generators, 112, 284-285, 284p  
Bell's Line of Road, 25, 35, 107  
Ben Bullen limestone quarries, 137, 150, 211-213, 213p  
Bennett, William Christopher, engineer, 48  
Bessemer, Sir Henry, 12, 274  
Bessemer steel process, 12, 18, 91, 94, 274-275, 274d  
Beyer, Peacock locomotives, 237, 238  
BHP Newcastle steelworks, 111, 143, 155, 157p, 162, 163, 165  
Bidwell, David, nightwatchman, 172  
    'Birmingham of Australia', 25, 89, 112, 177, 263  
Black Country, 11, 12, 15, 16, 25, 50, 58, 61, 111, 271  
Blackwell, Daniel, iron carrier, 280  
Bladen, Thomas, founder/engineer, 17, 19, 60, 63  
Bladon, Herbert, roller, 121, 134, 254  
Blast furnace operations:  
    Black Country furnace, 12, 13d, 271-272, 272d  
    Cleveland type, 272, 272d  
    Fitzroy, 15-17, 16p  
    Lal Lal, Victoria, 21  
    Port Lempriere (Redbill Point), 21-23, 22p  
    'Scaffolding', 17, 51, 61, 136  
    Scottish type (Coatbridge), 15, 40p  
Blast Furnace Park, Lithgow, 267p, 269-270  
Blast furnaces, 15, 40d, 94, 271-273, 272d  
Blast furnaces, Lithgow:  
    Barrow hoist/lift, 39, 46p, 119p, 147  
    Charging barrows, 114, 117d  
    Closure/demolition of, 178, 179p, 244, 265, 266p  
    Esk Bank blast furnace (1875), 15, 39-40, 42p, 46-47, 46p, 48, 48p, 50, 69, 71-72, 217  
    No.1 Blast furnace, 109-113, 109d, 113p, 114-115, 119p, 122p, 124p, 132p, 150m, 223, 223p, 230p  
    No. 2 blast furnace, 136, 150, 150m, 152p, 159p, 166p, 178, 224  
    Slag disposal/dumps, 224, 224p, 225p, 232  
    Wagon gantry, 114, 119p, 225, 225p, 229, 229d, 230p  
    Wagon hoist, 114, 122p, 216p, 225, 229  
Blast Furnace Workers' Association, 137, 258-259  
Blayney, 31, 59, 72, 134, 136, 203, 211  
Blue Mountains, 13, 25, 30, 31, 74, 91  
Blunt, George, railway contractor, 44, 45

- Blythe River Iron Mines Company, 96-97, 164
- Boiler plant, Lithgow, 286, 286p
- Bonuto, Osvaldo, barrowman, 171-172
- Borchard, Albert, 125, 131
- Boulton & Watt rotative steam engine, 11, 12p
- Bourne, William, founder/engineer, 14
- Bowenfels, 26, 28, 30, 33, 61
- Bowenfels Coal Mining and Copper Smelting Company, 32
- Bowenfels Railway Station, 24p, 30, 32, 61, 144
- Bracey, Horace E, alderman, 137, 230, 252, 263p
- Bradley, Barrows and Hall Ironworks (BBH), Tipton, 12, 15, 71, 273
- Branney, Nicholas, ironworker, 180-181
- Brick-making, 34, 37, 38p, 89, 131
- Brisbane, 45, 69, 166
- British & Tasmanian Charcoal Iron Company, 21-23, 22p, 209
- Brockbank, Joseph, foreman, 120p
- Brockbank, William, steelworker, 100p
- Broken Hill Proprietary Company (BHP), 143, 165, 167, 203
- Brown, Alexander, industrialist, 33
- Brown, Alexander ('Sandy'), miner, 179, 197-198
- Brown, Andrew, pioneer settler, 26, 26p, 27, 31, 251
- Brown, Thomas, 26, 26p, 27, 32, 36, 40, 41, 57, 60, 63, 67, 68, 217, 251
- Brown's siding, Lithgow, 32, 218
- Brown's Creek iron mine, 59, 72
- Brunts Creek limestone quarry, 35
- Bulli Coke Company, 131, 207
- Bunk, George, mine manager, 197
- Burns, Richard, accountant, 149
- Bushelling iron, 85
- Byrock locomotive water tank, 78p, 79
- Butterton, Andrew, shunter, 242-243
- Cadia iron deposits, 131, 146, 154, 164, 185, 186
- Cadia Iron Mine, 184p, 189-195, 191p, 192p, 194p
- Cairns, James, miner, 138, 139, 197
- Calcining iron ore, 39, 47, 58, 188, 217
- Camden Tramway, 69
- Canobolas Copper Mining Company, 190
- Carcoar, 131, 137, 164, 185, 187, 224
- Carlo's Gap limestone quarry, 215
- Carne, Joseph E, geologist, 185, 196
- Carruthers, Sir Joseph Hector, politician, 105, 108, 109, 113, 115p, 125
- Cast iron, 11, 271
- Catalan forge/hearth, 15, 21, 271
- Chapman, John T, ironworks partner, 69
- Charles Parson & Co, engineers, 281
- Chatloner, Albert, pickler, 280
- Chinese, 14, 75
- City Iron Works, Sydney, 34, 34p, 63
- Clarence, 30, 58, 72
- Clarice Street, Lithgow, 91, 254
- Clark, Rev. William B, 26
- Clarke, Alfred E ('Alf'), 149, 173, 175, 176, 177, 178-179, 180, 181, 181p, 233, 236, 242, 254, 258
- Clarke, Barney, driver, 75
- Cleveland District, Yorkshire, 12, 272
- Club House Hotel, Bathurst, 29, 37, 37p
- Coal:
- Bulli seam, 205, 207
  - Lithgow seam, 26, 37, 39, 196, 251
  - South Coast coal, 203, 205, 207
  - Wolgan Seam, 204
  - Wongawilli seam, 206
- Coatbridge, Scotland, 12, 15, 40
- Coats, Alfred, pitman, 280
- Cobar, 105, 106, 167, 201, 240
- Cobar Tunnel Colliery, Lithgow, 199, 235
- Cobb & Co, 27-28, 29, 31p, 36, 57, 67, 71, 123
- Coke making, 11, 58, 203, 271
- Coke Works:
- Esk Bank coke hearths, 56p, 58, 58p, 203
  - Hoskins Coke Ovens, Lithgow, 150, 205-207, 206p
  - Newnes Coke Ovens, 204-205
  - Oakey Park, 178, 202p, 203-204, 203p
  - Wongawilli, 207-210, 207p, 210p, 211p
- Collaredas, Gilio, roller, 180
- Collaredas, Rina, 180
- Collie, Levy, ironworker, 73
- Combes, Edward, politician, 32, 49, 71
- Commercial Banking Company of Sydney, 69, 71, 76, 86, 87, 107, 125, 126, 131, 251, 252
- Commonwealth Oil Corporation Ltd., 204-205, 210, 237
- Commonwealth Portland Cement Company, 211
- Communist Party of Australia, 251, 254, 261
- Cooerwull House, 26, 31
- Cooerwull mill, 26, 28p
- Cook, Sir Joseph, unionist/politician, 85, 86, 87, 95, 101, 103, 108, 153, 257, 257p, 260, 262
- Cook, William, manager, 88, 89, 101, 103
- Coolgardie Water Supply Scheme, WA, 130
- Coombing Park Estate, 29, 114, 185
- Coombing Park iron ore mine, 114, 163-164, 185, 186-189, 187p, 188m
- Coppée, Everence/coke ovens, 202p, 203-204, 203p
- Copper smelting, 33, 252
- Corlis, Michael ('Mick'), fettler, 213
- Corrugated iron (Lithgow made), 88
- Cort, Henry, iron pioneer, 273
- Cowdery, George, railway engineer, 78
- Cowper, Edward Alfred, inventor, 272
- Cowper stoves, 112, 115, 272
- Cox's Road, 25, 29m
- Crago, Allan B, 176
- Crago, Francis Alan ('Alan'), 145p
- Crago, Francis Arthur, 146
- Crago, Charles John ('Jack'), 145p
- Crago, Stanley JP, fitter, 176
- Crane, William H, ironworker, 172
- Crucible steel making, 93, 274
- Cullen Bullen, 70, 210, 257
- Cupola furnaces, 12, 15, 271
- Cuthbet, Stanley, tapper, 280
- Dando, GFW, director, 103, 103p
- Dapto, 186, 207
- Darby, Abraham, iron pioneer, 11
- Darlington, William, roller, 280
- Davidson, Frank, roller, 171
- Davies, Rees, miner, 72
- Davies, William, keeper, 51, 61
- Davy blowing engine/house, 108, 111-112, 113p, 115, 117p, 168d, 265, 280
- Davy Brothers, Sheffield, UK, 108, 111, 280, 284
- Dawson, Richard, founder/engineer, 14
- Day, Leslie Roy, barrowman, 147
- Deakin, Alfred, politician, 101
- Delaney, WH, weighman, 197
- Delprat, Guillaume Daniel, BHP manager, 143, 143p, 152, 155
- Denison Foundry, Bathurst, 29-30, 41, 50
- Denny, Thomas, founder/engineer, 29-30, 36, 37, 41, 69, 70
- Dibbs, Sir George Richard, premier, 86, 95
- Dick Kerr generators, 284, 285
- Dixon, John, unionist, 137, 139-140, 146, 147, 155, 158
- Dolomite, 151, 214, 275
- Dooley, James Thomas, politician/premier, 137-138, 138p, 143, 166, 178, 179, 193
- Dormal Long & Company, 171
- Douglass, Robert, mine manager, 32
- Doyle, John, unionist, 176
- Doyle, Joseph, union secretary, 121
- Doyle, LA, unionist, 139
- Doyle, Thomas, unionist, 137
- Dubbo Railway bridge, 69, 70
- Dyball, PJ ('Rex'), accountant, 176
- Eagle Smelting Works, 33, 252
- Eddy, Edward MG, railway commissioner, 83, 97
- Edgeworth David, Professor, scientist, 155
- Edwards, Joseph, businessman, 211
- Eight-Hour Day, Lithgow, 258, 259p
- Engineers & Foundries, 14, 130, 133
- English Ironworkers Emigration Scheme, 50, 254
- Enmore Pressed Brick Works, 33, 34
- Esk Bank blast furnace (1875), 39-40, 42p, 46-47, 46p, 48p, 50, 69, 71-72, 72p, 217

- Esk Bank brickworks (Hughes), 38p, 39, 39p, 89
- Esk Bank Colliery, 32, 33, 33p, 35, 37, 40, 46, 57, 67, 82, 196, 217, 267
- Esk Bank Estate, 27, 35, 67-68, 68m, 86, 89, 90m, 91, 217
- Esk Bank House, 27, 28p, 67, 101, 107, 149, 246, 266, 266p
- Esk Bank Iron Company, 39, 67, 76, 107
- Esk Bank Ironworks, 37-39, 46-51, 49p, 56p, 59-61, 62p, 66p, 72p, 82, 83p, 86, 92p
- Foundry, 89
  - Galvanising plant, 87, 87p, 88p
  - Puddling furnaces, 50, 50p, 51, 197
  - Machine shop, 101, 241, 244p
  - Rolling mills, 47-49, 52p, 62p, 85, 89p
- Eskbank Iron and Steel Rolling Mills, 98p, 104p, 106p, 108, 108m, 110p, 174m, 175p
- Eskbank Iron & Steelworkers Association, 133, 135, 137, 258
- Eskbank Iron Workers' Co-operative Association, 71-73, 78, 82
- Eskbank Ironworkers' Association of Mill and Forge Workers, 85, 86, 120, 256-257
- Eskbank locomotive depot, 270
- Eskbank railway station, 77p, 86, 113, 144, 144p, 219, 227m, 224
- Esk Creek Colliery, 46
- Esk Copper Smelting Works, 33, 252
- Eskroy Park, 82, 82p, 102p, 126, 131, 144, 145-146, 155, 266
- Evans, Charles, moulder/slagger, 147, 277, 280
- Evans, Ivan James, coal miner, 197
- Evans, Lewis, puddler, 123
- Evans, Morgan, mine manager, 197, 207
- Excelsior limestone quarry, 213, 214-215, 214p, 214m, 215p
- Exhibition building, Sydney, 52, 53p, 54p, 67
- Exhibition tramway, 52-53, 54p, 55
- Faggoting iron, 85
- Farmers Creek, 26, 37, 89, 98p, 176p, 198, 199, 199p, 201, 232, 235, 252, 254
- Farrow, George, mine manager, 190
- Federated Engine Drivers' and Firemen's Association, 137, 138, 177, 257, 259
- Federated Ironworkers' Association, 137, 138, 139-141, 154, 168, 172, 176, 180, 259, 261p
- Federation Movement, 81, 95, 99, 101, 107, 137
- Ferris, Edward ('Ted'), fireman, 172
- Ferro-manganese, 156, 157, 215
- Fisher, Andrew, prime minister, 137, 153
- Fitz Roy Iron-mining Company, 15
- Fitz Roy Ironworks, 15-19, 16p, 19p, 21p, 33, 50, 81, 254
- Fitz Roy Ironworks Company, 15, 35
- Fitz Roy, Sir Charles, governor, 15
- Fitzroy Bessemer Steel, Hematite Iron & Coal Company, 17
- Fitzroy Ironworks, see Fitz Roy Ironworks
- Foote, Walter M, iron expert, 59, 78, 94
- Forrest, William, businessman, 64, 76, 77, 82, 86, 89, 128
- Flood, Daniel, businessman, 18
- Free trade politics, 53, 93, 95, 105
- Fuller, Sir George, premier, 167
- Galvanising plant, 86-88, 87p, 88p, 280
- G&C Hoskins Limited, 22, 96, 103, 117, 119, 126, 129, 130, 130p, 137, 142, 144, 146, 147, 158, 161, 170, 185, 188, 204, 205, 209, 211, 213, 229, 230, 232, 242, 263, 276, 281, 285
- Gallipoli, 154
- Garden Palace, 52, 54p, 67
- Gardiner, John, horse driver, 243
- Garsed, John, colliery owner, 32
- Genders Mining, 201
- Gold Rushes, 14, 43, 85
- Goodchap, Charles Augustus, railway commissioner, 56, 57, 64, 78, 83
- Goodlet and Smith Ltd., 211, 214
- Grand Central Hotel, Lithgow, 166, 173
- Gray, William, Lithgow pioneer, 67, 82, 251
- Great Cobar Copper Mine, 105, 167, 199, 202, 235, 240, 285, 286
- Great Cobar Copper Refinery, 33, 93p, 105-107, 107p, 110p, 232, 252, 262, 286
- Great Cobar Copper Syndicate, 84, 103, 105, 107, 198, 219, 262
- Great Dividing Range, 13, 25, 29m
- Great Gulf Iron Company, 59, 72
- Great Southern Railway, 15, 43, 44
- Great Western Highway (Mitchell's Road), 26, 29m
- Great Western Iron and Coal Company, 35
- Great Western Ironworks, 34
- Great Western Railway, 30-31, 45, 59, 60m, 61, 77
- Great Zig Zag, 31, 36p, 79, 136, 204, 262
- Grenfell manganese mine, 157, 215
- Hall, Joseph, iron pioneer, 12, 273
- Hall, William, roller, 280
- Hampshire, Joseph Kaye, manager, 16
- Harris, Daniel, manager, 18, 81, 88, 246, 247
- Hartley Eight Hour Demonstration Committee, 135, 257, 258p, 260
- Hassan's Walls, See Bowenfels
- Hatton, William George, 139, 155, 242
- Havilah Quarry, 150, 213
- Hayton, George, miner, 59
- Hegerty, Roy, miner, 209
- Henderson, Joseph, manager, 119-120, 136, 147, 189, 204, 277, 278, 280
- Henry Vale & Company, Sydney, 55
- Hermitage Colliery, 32
- Herringschmidt, Henri, smelting expert, 51
- Heskett, John, steel pioneer, 93
- Higgins, Patrick, railway contractor/colliery owner, 32
- Hobbs, TR, mine manager, 188, 192
- Hogan, Mathew ('Matt'), roller, 180, 256
- Holman, William Arthur, politician, 95, 108, 140, 141, 142, 142p, 146, 158, 163
- Hoskins, Arthur Sidney ('Sid'), 130, 144, 145p, 162, 162p, 164, 169, 170
- Hoskins, Cecil Harold, 130, 145, 145p, 162, 162p, 169, 179
- Hoskins, Charles Henry, 125, 126, 129-131, 131p, 133-135, 136, 137, 139, 140-141, 144, 145, 148, 148p, 149, 150, 151, 152, 155, 162, 164-165, 166, 167-168, 185, 188, 190-191, 193, 197, 203, 204, 205, 230, 241, 258, 260p, 262, 263, 281, 284
- Hoskins Coke Ovens Lithgow, 150, 205-207, 206p
- Hoskins, Elizabeth, 130
- Hoskins, Emily, 130, 144, 145, 145p, 167-168, 171
- Hoskins, Florence Maud, 130, 145-146, 145p
- Hoskins, George John, 95, 96, 126, 129-130, 131, 142, 150, 162, 169, 237, 284
- Hoskins, Henry Guildford ('Guilf'), 130, 137, 145, 145p, 146, 168
- Hoskins, Hilda Beatrice, 130, 146
- Hoskins Iron & Steel Limited, 162, 166, 169-171, 199, 214, 232, 235, 254, 283
- Hoskins, Kathleen, 130, 145p, 162
- Hoskins, Ken, 242
- Hoskins Literary Institute, 169
- Hoskins Memorial Church, Lithgow, 146, 168-169, 169p, 178
- Hoskins, Nellie Constance, 130, 145p
- Hoskins, William, priller, 280
- Hoskins Wilmot, 129, 130
- Housing, See Worker housing.
- Howard Smith Limited, 171
- Howath, Abe, ganger, 191p
- Howell, Edward, steel plant manager, 147, 280
- Hudson Bros Engineering works, 57
- Hudson, William, mine manager, 202
- Hughes, Andrew Enoch, 39
- Hughes, Enoch, 15-16, 17, 18, 33, 34-35, 36p, 39, 41, 47, 50, 58, 60, 61, 62p, 63-64, 68-70, 72, 75, 76-77,
- Hughes, Moses, 15, 34
- Hughes, Roderickina, 39, 57
- Hughes, William, 15, 17
- Hughes, William Morris, prime minister, 158, 165
- Hume, Hamilton, explorer, 25
- Hunting, Walter, patternmaker, 124
- Huntsman, Benjamin, steel pioneer, 274
- Hurley, James Francis ('Frank'), photographer, 123
- Huxtable, John, company rep., 88, 113, 103p, 276, 277

- Illuminated addresses, 80p, 85, 101, 102p  
 Inch Street railway bridge, 230-231  
 Industrial Arbitration Act, 133  
 Industrial Disputes Act, 133, 134, 137, 188, 259  
 Industrial heritage (Lithgow), 246, 265-267, 266p, 267p  
 Industrial Relations, 73, 88, 242, 256-257, 265-266, 266p  
 Industrial Workers of the World (IWW), 166, 193  
 Influenza Epidemic of 1919, 161, 255, 255p  
 Interstate Commission, 150-151  
 International iron market, 13, 47  
 Iron Bounty Act, see Manufacturers' Encouragement Act  
 Iron Duke Mine, 184p, 190, 193-194  
 Iron ore:  
   Hematite, 40, 58, 187  
   Clay band ore, 40, 58  
   Limonite, 40, 58, 59  
   Magnetite, 40, 59, 189  
   Supplies, 40-41, 48, 60m, 52-59, 164, 185-186  
 Iron puddling, 12, 51, 61, 131, 273  
 Iron rails, see Rails  
 Iron rolling: 12, 16, 47, 51, 273-274, 274d  
 Iron Trades Wages Board, 134-135, 138, 147, 197  
 Irondale Coal and Iron Company, 35, 94  
 Ironstone Bridge Ironworks, 14  
 Ironworkers:  
   Barrowmen, 114, 147, 172, 176, 278  
   'Beer Strike' (1881), 75  
   British Recruitment, 50, 121, 123, 254  
   Carriers, 277, 278, 280  
   Casters, 115, 280  
   Clerks/weighbridge, 173, 175p, 197, 233, 277, 278  
   Faggoter, 85  
   Foundrymen, 74, 123p, 278, 280  
   Galvanisers, 87, 87p, 148, 280  
   Industrial Award, 121, 135, 148, 162  
   Italian ironworkers, 171, 172, 173p, 175, 254  
   Leisure, 74-75, 176, 257, 258, 260p  
   Maltese ironworkers, 171, 175  
   Moulders, 115, 124p, 147, 241, 277, 278, 280  
   Picnics, 91, 92p, 144, 164, 169, 177, 179, 256, 256p  
   Puddlers, 50, 51, 61, 69, 73, 84-85, 257, 273  
   Rollers, 55, 61p, 84p, 85, 88, 92p, 121, 126p, 147, 175, 180, 280  
   Shinglers, 10p, 51, 55, 61p, 74p, 85, 111  
   Transfer to Port Kembla, 178  
   Working conditions, 61, 74, 84-85, 88, 121-122, 147-148, 149, 158, 175-176, 276-277, 280  
   Yugoslav ironworkers, 171, 175, 254  
 Ironworks Band, 75, 87  
 Ironworks Cricket Club, 256, 257-258  
 Ironworks Flow Chart, 20d:  
 Ironworks Minstrel Company, 256  
 Ironworks Tunnel Colliery, 68, 82, 86, 125, 137, 138, 140, 151, 196-198, 196p, 197d, 199, 201, 217, 218, 218p, 232, 259, 267, 276  
 Italian migrants, 171, 172, 254  
 James, Enoch, iron specialist, 107, 112m, 185, 221, 222  
 James, James, furnaceman, 280  
 Jaquet, B, geologist, 146, 185, 186  
 Jenkins, Edward ('Ted'), shunter/loco driver, 242  
 JH Harrison of Middlesborough, 109, 118, 120, 136, 150  
 John Heskett & Company, Melbourne, 93  
 John Lysaght Ltd, 81, 125  
 Johnson, Henry William, businessman, 15  
 Johnson, Reginald, clerk, 243-244  
 Johnson, TR, Chief Railway Commissioner, 230  
 Jones, Alfred, roller, 280  
 Jones, D, union official, 121  
 Jones, Joseph Byron, steel specialist, 99, 123  
 Jones, Richard, puddler, 61  
 Kandos, 211, 214  
 Katoomba, 91, 169, 176, 177, 256  
 Keep, John, iron merchant, 15, 17, 60, 71  
 Kelly, Bowes, BHP chairman, 165  
 Kelly, Daniel, smelter, 280  
 Kelly, Robert, ironworks partner, 37, 57, 63, 68, 82  
 Kelly, SHG ('Steve'), roller/manager, 148, 177, 177p, 178, 179, 242  
 Kelly, Sid, driver, 138  
 Kelsop, Joseph, roller, 147, 280  
 Kingston, Charles Cameron, politician, 101, 103  
 Kirkland, John, director, 130, 162, 169  
 Knightson, Albert, charger, 280  
 Knoblanche, Christian, limestone trader, 59  
 Labor Electoral League, 85, 86  
 Labor Council of NSW, 263  
 Lahiff, Patrick, colliery manager, 94  
 Lake Pillans, 198, 224, 254, 260p, 265, 269  
 Lal Lal Ironworks, 21  
 Lambert, Alfred, ironworks manager, 95, 96  
 Lambert Brothers, Middlesbrough, UK, 95, 96  
 Lang, Jack, premier, 169  
 Langlands Foundry, Melbourne, 91, 93  
 Larkin, Edward G, engineer, 18, 81  
 Leahy, Albert, businessman, 94  
 Larsen rails, 52-53, 55, 56  
 Lattin, Benjamin Wright, founder/engineer, 15, 16, 33  
 Lawson, David, ironworks manager, 18, 35  
 Lee, Thomas, bricklayer, 61, 63  
 Levick, Thomas, ironworks manager, 17  
 Lewis, Essington, BHP manager, 155, 168  
 Limestone Flat, see Portland  
 Limestone supplies, 51, 59, 164, 169, 210-215  
 Lithgow, 11, 25, 31-34, 63, 66p, 68, 71, 166, 169, 177, 182, 195, 234p, 250p, 251, 252, 253p, 265  
 Lithgow 20th Battalion Band, 157p  
 Lithgow Chamber of Commerce, 135, 262  
 Lithgow Coal Association, 89  
 Lithgow coke ovens, 150, 205-206, 206p  
 Lithgow Cooperative Society, 255, 256, 257  
 Lithgow District Historical Society, 266, 268  
 Lithgow iron and steel works, 128p, 131, 132p, 149-151, 155, 160p, 176p, 182p, 198p, 222m, 223, 236p, 249p, 267  
 Lithgow Ironfest, 270  
 Lithgow Mercury, 45, 95, 129, 135, 137, 139, 154, 161, 166, 177, 181-182, 262, 267  
 Lithgow Model Band, 74, 74p  
 Lithgow Municipal Band, 144, 177  
 Lithgow Municipal/City Council, 121, 175, 230, 232, 235, 252, 254, 255, 255p, 260, 261, 263, 269  
 Lithgow Progress Association, 121, 262, 263  
 Lithgow railway station, 166  
 Lithgow Riot of 1911, 139-141, 140p, 242, 259, 260p  
 Lithgow Trades Hall, 81, 256, 258  
 Lithgow Valley, 25-26, 29m, 31, 35, 36m, 251, 257, 267  
 Lithgow Valley Colliery & Pottery Works, 32, 35p, 36m, 71, 85, 252p, 254, 255  
 Lithgow Valley Iron Company, 36-39, 56, 59, 60, 67, 71, 217  
 Lithgow Wages Board, see Iron Trades Wages Board  
 Lithgow, William, colonial auditor, 25  
 Lithgow Workers' Club, 256  
 Lloyd, Lewis, copper entrepreneur, 33  
 Localism, 251, 254-255, 261  
 Lockyer, Nicholas, judge, 152-153  
 Locomotive water tanks, 71, 78p, 79  
 Locomotives:  
   Andrew Barclay, 310/1888, 21, 211, 212p, 213, 248  
   Bandicoot (MW 918/1884), 220, 220p, 237, 246  
   Ben Bullen (HL 2840/1910), 211, 213, 213p, 248  
   Bunyip (MW 918/1884), 192, 193, 237, 240p, 246  
   Cyclops (MW 1802/1912), 237, 239p  
   Crane tank, 220, 222p,  
   Dingo (VL 12/1875), 237, 238, 239p, 240, 244, 244p, 248

- Eskbank* (HL 2605/1905), 153p, 220-221, 221p, 244, 246
- Fordson rail tractor, 233, 235p, 249
- Hector* (BP 5639/1912), 237
- Iron Duke* (Clyde 242/1919), 193, 193p, 195, 195p, 210, 236, 246
- Kangaroo* (BP 4558/1903), 196, 238, 240, 241p, 249
- Koala* (BP 1418/1873), 210, 234p, 238, 240, 241, 243p, 246
- Lithgow* (KS 780/1908), 210, 210p, 237, 248
- M class No.50 (BP 3334/1891), 193, 194p, 195, 195p, 210, 238, 239, 249
- Neilson 0-4-0T (394-5/1857), 219, 220, 220p, 233, 248
- Parkinson & Monaghan (1/1870), 45, 45p
- Platypus* (BP 5639/1912), 210, 237, 241p, 249
- Possum* (MW 1802/1912), 234p, 237-238, 240, 241p, 249, 267p, 268
- Shifter* (HL 2403/1898), 153p, 235p, 237, 239, 240p, 241, 244, 247, 247p, 248, 249p
- Tom Tit* (MW 919 (+918)/1884), 210, 237, 248
- Vale & Lacy (9/1871), 33
- Wallaby* (HL 2988/1913), 132p, 224p, 233p, 237, 238, 239p, 244, 248, 268
- William Sandford* (HL 2658/1907), 236, 238p
- Wombat*, (HL 2658/1907), 237, 238p, 241, 246, 247p, 248p
- Wonga* (AB 167/1873), 21, 208p, 209, 248-249
- Loftus, Lord, Governor, 53, 55, 75
- Longworth, Thomas, mine manager, 107
- Longworth, William, mining entrepreneur, 89, 105, 107
- Low Moor iron, 111, 117
- Luchetti, Tony, miner/politician, 255
- Lucas, John, mine owner, 32
- Luton, Bedfordshire, 43, 44
- Lyne, Sir William John, politician, 78, 87, 105
- Machine shop, 101, 241, 244p
- McCudden, Daniel, steelworker, 178
- McDonald, Patrick ('Paddy'), unionist, 180
- McGowen, James Sinclair Taylor, premier, 125, 135, 137, 141, 143
- Mackay, EC ('Ted'), manager, 162, 178
- McMyler portl crane, 225p, 229d
- McMyler steam crane, 240, 244p, 244
- Maddock, Samuel, ironworks manager, 71
- Main Street, Lithgow, 250p, 252, 253p, 259p
- Maltese ironworkers, 171, 175
- Manganese ore/mining, 215
- Manning Wardle & Company, 220, 237
- Manufacturers' Encouragement Act (Bonus Bill), 133, 135, 139, 262-263
- Maritime Strike, 85, 257
- Martin, Emile and Pierre, 275
- Marjorie Jackson Playing Fields, Lithgow, 267
- Marks, Banjamen, businessman, 15
- Martin John, unionist, 71
- Marulan Limestone Quarry, 164, 169, 214
- Mason, William, railway engineer, 56, 57, 61, 63, 64, 218
- May Day Parade, 258, 264p
- Melbourne, 15, 43, 53, 57, 69, 91, 101, 129, 263
- Melbourne International Exhibition, 53, 57, 69
- Merrett, Frederick ('Fred'), chief engineer, 170, 175, 207
- Methodist Church, 61, 105
- Metropolitan Board of Water Supply & Sewage, 213
- Metropolitan Lime & Cement Coy, 214
- Middlesbrough, Yorkshire, 12, 81, 91, 109, 171, 272
- Mill furnaces, 120p, 273, 273d
- Miller, CW (Whelan), engineer, 177
- Miller, William, roller, 19, 71, 73, 78, 88, 120p, 121, 254, 276, 277
- Mills, Matilda, see Mortlock, Matilda
- Miners:
- Coal miners, 198, 199, 200p, 204p, 208, 209, 209p, 276
  - Housing, 179, 188, 189, 207, 209
  - Industrial; relations, 188-189, 195
  - Iron ore, 188-189, 191p, 193
  - Limestone quarries, 213, 214
  - Working Conditions, 179, 181, 188, 193-194, 200p, 204p, 207
- Miners' Federation, 255
- Mining tramways, 188, 190, 191p, 192p, 193, 194p, 196-197, 196p, 197d, 198, 202, 207, 211-213, 214p
- Mitchell, Captain Campbell, 72, 93
- Mitchell, Joseph Earl, 19, 93-94, 93p, 95-96
- Mitchell, Major Thomas Livingstone, 25, 72
- Mittagong, NSW, 14, 18, 96, 254
- Molong limestone quarry, 214
- Moran, portal crane driver, 229
- Morris, GC, patternmaker, 120p, 124
- Mort, Thomas S, pioneer industrialist, 32
- Mortlock, Betty, 217
- Mortlock, Henry, 73
- Mortlock, Matilda, 73-74
- Mortlock, Mavis, 147, 238
- Mortlock, William ('Billy') Henry, manager, 73, 135, 149, 149p, 176, 276
- Mortlock, Valentine, patternmaker, 73, 176
- Mortlock's Imperial Hotel, 73, 123, 144p
- Moss Vale-Unanderra Railway, 154, 164m, 169
- Mount Lambie, 40, 58
- Mount Pleasant Colliery/blast furnaces, 94
- Mount Victoria, 25, 40, 58, 70
- Mudgee, 30, 94, 131, 185, 211, 214
- Mylecharane, William, surveyor, 68, 108
- Narrow gauge tramway, 196, 196p, 197d, 198p, 202, 217-218, 219, 211-213, 232-233, 243
- Nasmyth, James, iron pioneer, 223
- Nasmyth steam hammer, 48, 51, 62p, 74p, 86, 93p, 273
- Neilson & Company, Glasgow, 220
- Neilson, James Beaumont, 272
- New South Wales Government Railways (NSWGR), 30-31, 71, 83, 91, 107, 158, 166, 186, 209, 213, 224, 232
- New South Wales Labor Council, 133, 141, 146, 190, 257, 263
- New Vale Colliery, 84, 85, 257, 262, 267
- Newbold, Arthur, ironworker, 181, 181p
- Newbold's brickworks, 131
- Newbridge Iron mine, 48, 58, 72
- Newcastle, 33, 57, 93, 143, 155
- Newcastle iron and steel works, 94, 111, 143, 155, 157p, 162, 163, 164, 165
- Newnes Coke Ovens, 204
- Newnes shale oil works, 181, 204-205
- Nicholls, HV, chemist, 120p, 123, 277
- Niven, Robert, rougher, 280
- Noad, Wally, clerk, 177
- Nolan, Inspector, 175
- Oakey Park Colliery & Coke Works, 84, 114, 131, 178, 202p, 203p, 203-204, 207, 224, 229, 267
- Oddfellows Hall, 87, 115p, 153, 256, 258, 261p
- Oehm, Herbert, roller, 172
- Oehm, Victor, clerk, 172
- Oehm, William, roller, 172
- O'Malley, King, politician, 138
- Onehunga Ironworks, New Zealand, 70, 86, 88, 89
- Open-hearth steel furnaces, Lithgow:
- 'A' Open-hearth furnace, 136, 150, 154, 178
  - 'B' open-hearth furnace, 150, 179
  - 'C' 60-ton furnace, 155, 160p, 175, 179
  - 'D/E' furnaces (proposed), 162, 167, 187p
  - No.1 furnace, 99, 100p, 105, 132p, 150
  - No.2 furnace, 105, 132p 150
  - No.3 15-ton furnace, 111, 132p, 137p
- Open-hearth steelmaking process, 12, 91, 99, 275, 275d
- Orange, 185, 193
- Orchard, Richard ('Dick'), lift driver, 229
- Ormiston, Mr, metallurgist, 94
- O'Sullivan, Edward William, politician, 94, 108
- Page, Sir Earl, politician, 167
- Park Gate Iron Company, 47, 55

- Parker, Ossie, electrician engineer, 285  
 Parker, William, galvaniser, 280  
 Parkes, Sir Henry, politician, 35, 53, 75, 83, 85, 186  
 Parkinson & Monaghan, engineers, 45  
 Parsons turbine-blowing engine, 112, 115, 150, 167, 281, 281*p*, 283  
 Paul, Frederick William, royal commissioner, 141, 143  
 Pemberton, Joseph ('Joe'), steel worker, 100*p*, 123, 280  
 Pennymore, PG, manager, 111, 117, 120*p*, 122*p*, 186  
 Penzer, Esau, manager, 111, 117, 120*p*, 276, 277, 280  
 People's Federal Convention, Bathurst, 95, 96*p*  
 Phillips, James Otis, publican, 30, 36, 37, 41, 69, 70  
 Piddington, Albert Bathurst, judge, 151-152, 195  
 Pig iron, 14, 62*p*, 271  
 Pig Iron Bonus Bill, 135-136, 137, 138, 142  
 Pillans, Robert, unionist, 121, 135, 137, 137*p*, 138, 144, 146, 155, 231, 251, 261  
 Pincott, William ('Bill'), fitter, 204  
 Pipers Flat, 34, 59, 94, 95  
 Pipers lat, proposed steelworks, 94  
 Pitt, Robert, carpenter, 27, 69  
 Pitt, William, mine manager, 32, 69  
 PN Russell & Company, 14, 15, 17, 130  
 Poole, Wilfred, loco driver, 210*p*, 241, 242, 246*p*, 277  
 Portland, 59, 210, 211, 213  
 Port Kembla, 96, 162, 164, 177-178, 210  
 Port Kembla Iron & Steel Works, 161, 162, 164, 169, 177-178, 179, 181, 210, 244, 267, 283, 286  
 Port Kembla land acquisition, 164, 165*p*  
 Pottery manufacture, 32, 35*p*, 251*p*  
 Power stations:  
   Cadia mine, 192*p*  
   Lithgow ironworks, 151, 167, 284-285, 285*p*  
   Wongawilli colliery, 207, 210*p*  
 Presbyterian Church, 145, 168, 176, 178, 251  
 Prosser, Joe, loco driver, 220*p*, 241-242, 247*p*  
 Protectionist Movement, 23, 93, 95, 101, 105, 135-136, 151, 165  
 Protectionist Union of NSW, 135  
 Puddling furnaces, 12, 48, 50*p*, 51, 111, 131, 273, 273*d*  
 Pyrmont Bridge Ironworks, 60, 63, 95  
 Queensland Railways, 44-45  
 R. & W. Hawthorn, Leslie & Company, 220, 221*d*, 237  
 Rail fishplates, 89, 105*p*, 167, 175, 242  
 Rails:  
   Australian Standard (AS), 151, 170*p*  
   Baker tramway rails, 55, 56, 64  
   Double-headed iron rails, 47, 55, 57, 64, 76*p*  
   Evolution of, 55*d*  
   Flat-bottom iron rails, 47, 55, 69, 76*p*, 78, 82, 83, 83*p*  
   Larsen rails, 52-53, 55, 56  
   Mining tramway rails, 53, 76*p*  
   Steel rails, 12, 64, 78, 99, 136, 137, 149-150, 151-152, 153*p*, 154*p*, 167, 171*p*, 274  
 Railway accidents, 219, 242-243, 248*p*  
 Railway contractors, 44-45, 47, 61  
 Railway freight rates, 49, 78, 103, 107, 163  
 Railway sidings:  
   Blast furnace sidings, 223-225, 223*p*, 226*m*, 244  
   Brown's siding, Lithgow, 32, 217, 218  
   Cobar Exchange Sidings, 232, 242  
   Coke Oven siding, Lithgow 229-230, 231*m*, 244  
   Eskbank Colliery, 218  
   Esk Bank Ironworks Sidings, 218-219, 219*m*, 227*m*, 236*p*, 244  
   Excelsior quarry siding, 214, 214*m*, 215*p*  
   Ironworks branch, 218-219, 219*m*, 234*p*, 244  
   Ironworks narrow gauge, 196-197, 217-218, 218*p*, 232-233  
   Oakey Park line, 229  
 Railway traffic (to steelworks), 233  
 Railwaymen, 241-242, 277-279  
 Railways:  
   AI&S Colliery branch, 236  
   Ben Bullen limestone tramway, 211-213, 212*p*, 212*m*  
   Blayney-Cowra-Harden line, 31, 114, 186  
   Brownsville-Wongawilli, 209  
   Circular Railway (proposed), 222*m*, 223  
   Connecting Railway, Lithgow, 150, 230-232  
   Carcoar-Coombing Park, 187, 188*m*, 189, 189*p*  
   Great Southern Railway, 15, 43, 44  
   Great Western Railway, 30, 31, 45, 60*m*, 61, 77  
   Gulgong-Dunnedoo line, 150, 189-190  
   Lithgow iron & steel works, 217  
   Moss Vale-Unanderra Railway, 154, 169  
   Rydal-Locksley (GWR), 45, 45*p*  
   Steelworks Colliery, 235-236, 237*m*, 237*p*  
   Spring Hill to Cadia Railway, 190-193, 191*m*, 193*p*, 195, 195*p*, 238  
   Tallawang mine railway, 189*m*, 190  
   Toowoomba-Warwick (Qld), 49  
   Wallerawang-Mudgee line, 31, 211, 213, 214  
   Wolgan Valley Railway, 205, 205*p*  
 Ramsey, Walter, foreman, 280  
 Randwick racecourse tramway, 56  
 Raw material supply, 185, 186*m*  
 Read Avenue, Lithgow, 105, 219  
 Read, Dr Richard, entrepreneur, 89, 105, 107  
 Rees, William, unionist, 85  
 Reid, Sir George Houston, politician, 95, 105, 141  
 Reid, Thomas ('Tom') McAllister, 71-72, 74, 75, 84, 88, 105, 123, 123*p*, 148, 178, 256  
 Rickard, George, builder, 45  
 Ritchie, Elizabeth, see Hoskins, Elizabeth  
 Roads (at Lithgow), 25, 26, 28*p*, 29*m*  
 Robbing, T, foreman moulder, 120*p*  
 Rolling mills, 47, 51, 273-274, 274*d*  
 Rolling Mills, Lithgow:  
   8-inch guide mill, 85, 111  
   10-inch guide mills, 156, 175, 179, 180, 180*p*  
   14-inch bar mill, 85, 101, 111  
   16-inch forge mill, 85, 111  
   18-inch Mill, 47, 49, 49*p*, 50*p*, 51, 62*p*, 82, 85, 111, 175  
   27-inch/28-inch Mill, 150, 151*p*, 160*p*, 175, 179  
   No.1 sheet mill, 86*p*, 87, 105, 111  
   No.2 sheet/24-inch mill, 105, 105*p*, 111, 131, 136  
   Demolition, 181, 181*p*, 182, 183*p*  
   Fishplate mill, 91, 181  
 Rolling stock (Railway):  
   4-wheel ignot wagons, 240, 245*d*  
   4-wheel 'Jumbo' steel hopper wagons, 215*p*, 240*p*, 241, 245*d*  
   4-wheel open wagons, 241  
   4-wheel wooden hopper wagons, 240-241, 245*d*  
   Bogie hoppers (Dewhurst), 241, 244  
   Coal skip (narrow gauge, side tipping), 197*d*, 218, 218*p*  
   Dewhurst slag ladles, 240, 244, 245*d*  
   Dewhurst hot metal ladles, 233*p*, 234*p*, 240, 244, 245*d*  
   Portal crane, 225*p*  
   Steam cranes, 99, 100*p*, 220, 223*p*, 240, 243*p*, 244, 245*d*  
 Rossiter, Bill, unionist, 154  
 Roy Street, Lithgow, 90*p*, 90*m*, 91,  
 Royal Commission on Bonuses for Manufacturers, 103, 107, 121  
 Royal Commission on a National Iron & Steel Industry, 141-143  
 Royal Visit, to Lithgow 1881, 70*p*, 71  
 Rue, Jack, electrician, 173, 175, 181  
 Russell, Peter Nicol, founder/engineer, 14  
 Russell, Robert, founder/engineer, 14  
 Russell, Robert, mine manager, 214  
 Rutherford, James, 27-28, 29*p*, 37, 47, 57, 60, 61, 67-68, 71, 73, 76, 78-79, 82, 86, 87, 89, 218

- Ryan, James, editor, 95, 146, 154, 155, 161, 262, 262*p*, 263  
 Rydal, 28*p*, 32, 45  
 Rylstone, 131*m*, 185*m*, 214
- Sandford Address 1889, 80*p*, 85  
 Sandford Address 1901, 101, 102*p*  
 Sandford, Caroline (nee Newey), 81, 94, 101, 105, 126  
 Sandford, Clarice, 81, 83, 89, 112  
 Sandford, Frederick Esk, 81, 99  
 Sandford, John, 81, 89, 104, 108, 111, 119, 276  
 Sandford, William, 18, 70, 78, 81-82, 82*p*, 86-87, 88, 89, 95, 96-97, 99, 101, 105-106, 108-109, 112-114, 115*p*, 117, 119, 121*p*, 125-127, 150, 168, 185, 190, 196, 203, 219, 221.258, 262-263  
 Sandford, William Fitzroy ('Roy'), 81, 89, 111, 117, 121*p*, 126-129, 131, 277  
 Saywell, Thomas, tobacconist, 32, 33  
 Scholes, Judge, 134, 139, 198  
 Scrap iron/steel, 53, 82, 89, 91, 232  
 Scullen, James, prime minister, 178  
 Scully, Bernard, unionist, 134  
 See, Sir John, politician, 95, 103, 105, 108, 109  
 Seven-year iron contract, 108-109  
 Shankey, Harold, galvaniser, 280  
 Sheedy, Thomas, land owner, 27,  
 Sheffield Steel Company, Melbourne, 93  
 Shingling, 12, 273  
 Siemens, Wilhelm, inventor, 275, 275*d*  
 Siemens-Martin open-hearth steel furnace, 12, 93, 99, 275  
 Silk, Elijah, engine driver, 88  
 Silk, Jack, roller, 88, 276  
 Simpson, Walter, engineer, 229  
 Small arms factory (SAF), Lithgow, 115, 117, 138, 150, 155, 159*p*, 161, 196-197, 260, 262  
 Smelting Works Colliery, 198-199, 201*p*, 201  
 Smith, David, ironworks manager, 18  
 Smith, Dave, see Bidwell, David  
 Smith, Sydney, politician, 105  
 Sodwalls, 45  
 Soho Foundry, Smethwick, 11  
 Sorenson, Paul (landscape gardener), 146  
 Southall, Joseph, furnaceman, 147, 280  
 Spooner, John William, mine manager, 89, 115*p*, 120*p*, 138, 197, 198, 262, 276  
 Spring Hill to Cadia Railway, 190-193, 191*m*, 195, 195*p*, 238  
 St Johns College, University of Sydney, 43, 46*p*  
 Stafford, Charles Louis, mechanic, 123  
 Staffordshire, England, 11, 271, 273  
 State Coal Mine, 143, 166, 200*p*, 201, 235, 236, 252, 269  
 State Government steel contract, 108-109  
 State Mine Heritage Park & Railway, 268, 268*p*, 269-270, 268*p*, 269*p*, 270*p*
- Steam Engines:  
 Davy Brothers, 131, 136, 283  
 Ferranti, 284, 285, 285*p*  
 John Fowler compound, 91, 282  
 Lamberton & Company, 87, 136-137, 284, 284*p*  
 Thompson & Co, 157, 284  
 Walker Bros., 104, 175, 284
- Steel, Charles, annealer, 280  
 Steel Family Tree, 183*d*  
 Steel Makers Monument, National, 269  
 Steel making, 12, 91, 93, 99, 111, 274-275  
 Steel rails, see Rails  
 Steelworkers, Lithgow  
 Furnacemen, 147, 175, 280  
 Moulders, 175
- Steelworks, Lithgow  
 'A' Open-hearth furnace, 136, 147, 150, 154, 178  
 'B' open-hearth furnace, 150, 179  
 'C' 60-ton furnace, 155, 160*p*, 175, 179  
 'D/E' furnaces (proposed), 162, 167, 187*p*, 240, 267  
 Foundry, 123*p*  
 No.1 furnace, 99, 100*p*, 105, 132*p*, 150  
 No.2 furnace, 105, 132*p*, 150  
 No.3 15-ton furnace, 111, 132*p*, 137*p*, 197  
 Planned steelworks, 112, 118*d*
- Steelworks Band, 74, 113, 124  
 Steelworks Colliery, 143, 178, 200*p*, 201-202, 201*m*, 235-236, 246, 267  
 Steelworks Flow Chart, 116*d*  
 Stewart, Rev. Colin, teacher, 27, 32  
 Storey, John, premier, 166  
 Stratford, Alfred, roller, 280  
 Stuart, Charles, engineer, 171  
 Summers, Horace, roller, 280  
 Sunny Corner Mine, 77  
 Sutherland, John, MLA, 25-26, 37, 39, 39*p*, 40, 49, 57, 60, 61, 63, 64, 68-69, 78, 83, 163, 218  
 Sweeney, A, foreman galvaniser, 120*p*, 276, 277  
 Swinburne, George, judge, 152-153  
 Sydney, 14, 30, 33, 35, 36, 44, 52, 83, 130, 146, 170  
 Sydney City & Suburban Tramway & Omnibus Company, 56  
 Sydney Harbour Bridge, 167, 167*p*  
 Sydney Hardware Association, 52, 60, 71  
 Sydney International Exhibition, 35, 51-53, 57, 67  
 Sydney Paper Making Company, Liverpool, 40, 45, 77  
 Sydney Railway Company, 30
- Tallawang iron ore mine, 15, 151, 185, 189-190, 189*m*, 190*p*, 195  
 Tank Street level crossing, 232  
 Tank Street weighbridge, 235
- Taylor, GF, 88, 103, 103*p*  
 Taylow, William, miner, 193  
 Thomas Perry & Sons of Bilston, 15, 35, 39  
 Thompson & Coy, Castlemaine, Victoria, 157, 167, 283  
 Thompson Blowing Engine, 167, 168*p*, 283  
 Thornley, William, manager, 84*p*, 103*p*, 104, 105, 108, 109, 111, 119, 120, 121*p*, 122-123, 122*p*, 125, 131, 133, 185, 186, 189, 220, 238*p*, 258, 276, 277  
 Thornley, Thomas ('Tom'), engineer, 111, 117, 119, 120*p*, 123  
 Thornton, John, furnaceman, 280  
 Tougher, David, timekeeper, 124  
 Tougher, James, ironworker, 74-75, 123, 276  
 Tougher, Jessie, 74, 123  
 Tougher, John, roller, 74*p*, 75  
 Tougher, Robert ('Bob') Halliday, ironworker, 124  
 Tougher, WJ ('Jack'), moulder/bandmaster, 124, 144  
 Tougher, William M, 74  
 Trades and Labor Council, 71, 257  
 Trans-Australian Railway, 138, 141, 143, 149-150, 151*p*, 153  
 Truscott, Edward ('Ted'), unionist, 137, 139  
 Turner, Joseph, manager, 205
- Unanderra-Moss Vale Railway, 164, 164*m*, 169  
 Unemployed Workers' Union, 179  
 Union Theatre, Lithgow, 258, 261*p*  
 United States iron and steel production, 13  
 University of Sydney, 43
- Vale & Lacy Engineering works, 45, 130, 237  
 Vale of Clwydd. See Hartley Valley  
 Vale of Clywdd Colliery, 32, 63, 254, 256, 257  
 Vickery, Ebenezer, industrialist, 15, 17  
 Victoria Rolling Mills, Melbourne, 15  
 Victoria Steel Foundry, Melbourne, 93  
 Victorian Railways, 91, 150, 153*p*  
 Vulcan Coal, Lime & Cement Company, 214
- Waddell, Thomas, politician, 108  
 Wade, Sir Charles Gregory, politician, 125, 126, 146, 158, 186  
 Wagon hoist (blast furnace), 216*p*, 225, 229, 230*p*  
 Walker, James, pioneer settler, 26, 27  
 Walkers Foundry, Maryborough, Qld, 51  
 Wall, William C, politician/mine owner, 185, 189, 213  
 Wallerawang, 26, 30, 33, 34, 93, 94  
 Wallerawang Coal and Iron Mining Company, 19, 35, 94

- Wallerawang iron & steel works, 94  
 Wall's Siding, 213-214  
 Ward, James, unionist, 180  
 Warwick, Queensland, 44  
 Watkin, John W, 34,  
 Webster, Ted, patternmaker, 124  
 Wentworth, Darcy Bland, 164  
 Westcott, Stanley, mine manager, 194  
 Western Coalfield, 31-32, 93, 195-196  
 Western District Labour Council, 242, 255  
 Western Lime Company, 59  
 Western District Miners' Union, 85, 137, 140, 255, 257, 261  
 Whitney, William Franklin, ironworks partner, 27, 29, 41, 57, 82, 89, 185, 188  
 Whitton, John, railway engineer, 30, 37, 45, 57, 63, 64  
 Wienholt, Edward, pastoralist, 46, 64, 68, 70, 76, 77  
 Wigham, Frederick ('Fred'), manager, 111, 117, 119, 120p, 276, 277  
 Wilkinson, John, iron pioneer, 12, 271  
 Willans Robinson & Co, Rigby, 285  
 William Sandford Limited, 103, 104p, 109, 125, 133, 276, 281, 283  
 Williams, David Lewis, 44, 64  
 Williams, Daniel, 37, 40, 41, 43-46, 44p, 47-49, 52-53, 56, 57, 59-61, 63, 64, 67, 68, 70, 76, 79, 218  
 Williams, Eliza (nee Myles), 43, 44p, 44  
 Williams, Ellen, 43, 46, 64  
 Williams, Evan Owen, 43, 44, 45, 46, 48  
 Williams, John, 43  
 Wilson, CH, foreman engineer, 120  
 Winter, John, roller, 84  
 Wiradjuri people, 27  
 Wirth's circus train, 242  
 Wolgan Valley, 181-182, 204-205, 205p  
 Wollongong, 206  
 Wolverhampton, 34, 63  
 Women's role, 73, 255-256  
 Wongawilli Colliery & Coke Ovens, 22, 153, 154, 163, 178, 195, 207-210, 207p, 209p, 210p 211p, 237, 241  
 Worker housing, 63, 65p, 68, 89, 90p, 91, 149, 175, 178, 254p  
 World War I, 153-158, 161  
 Wright, Alfred, founder/engineer, 144  
 Wright, Francis Augustus, politician, 93  
 Wrought iron, 11, 271  
 Yates, George H, alderman, 137, 230  
 Young, John, master builder, 43, 44, 51-52, 56, 61  
 Yugoslav migrants, 171,175, 254  
 Zig Zag Colliery, 230  
 Zig Zag Railway, 30, 31, 136  
 Zollner, Simon, businessman, 15, 17