

MANUFACTURING & MINING BUILDINGS

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KEYWORDS

Assembly plants, Factories, Industrial buildings, Mineral industries; Mines and mineral resources; Mining Claims; Mining Districts; Mining Engineering; Mining Geology; Mining Law; or Mining Machinery". Offshore drilling platforms, Offshore rigs, Plants, Refineries, Rigs,

TOOLS TO GET STARTED

De Chiaria, *Time-Saver Standards for Building Types*, 3rd, Reference-NA2760.D42 1990 (Chapter 9)
Industry Week (Periodical published weekly. Also available at <http://www.industryweek.com/>)
 Ostwald, *Manufacturing Processes and Systems*, 9th ed., TS183.O88 1996
 Thomas Register of American Manufacturers, <http://www.thomasregister.com/>
 Thomas Register of European Manufacturers (TREM), <http://www.tipcoeuropa.com/>

MANUFACTURING & MINING A - Z:

ARCHITECTURE (GENERAL)

"13 Case Studies," *Techniques & Architecture*, July/August 1988 (Theme issue)
 "L'architecture industrielle," *Monuments historiques de la France*, no.3, 1977 (Theme issue)
 Biggs, *The Rational Factory: Architecture, Technology*, TS178.B54 1996
 Bradley, *Works: the Industrial Architecture of the United States*, NA6402.B73 1998
 Bronto, *Architecture for Industry*, NA6400.B76 1997
 "Industrial Buildings," *Architectural Record*, October 1988 (Theme issue)
 "Industrial revolutions," *Design Book Review*, no. 35-6, Winter-Spring, 1995 (Theme issue)
 Jaeggi, *Fagus: Industrial Culture from Wekbund to Bauhaus*, HD9787.A4G4 1999
 "Le Language de l'Industrie," *L'Architecture d'aujourd'hui*, June 1982 (Theme issue)
 Loyer, *Architecture of the Industrial Age 1789-1914*, 1983
 "La Manifattura e le Fabbrica," *Casabella*, December 1997/January 1998 (Theme issue)
 Markus, *Buildings & Power: freedom & control in the origin of modern building types*, NA500.M37 1993 (Chapter 7)
 Pevsner, *A History of Building Types*, NA4170.P48
 Sommer, *Industrial Building: Radical Restructuring*, 1996
 "Spaces for industry," *Mimar*, no.18, 1985 (Theme issue)
 Sule, *Manufacturing Facilities: Location, Planning and Design*, TS177.S84 1994
 "Des Usines pour des Hommes," *Techniques & Architecture*, June 1982 (Theme issue)

BUSINESS, LABOR & MANAGEMENT

Advanced Manufacturing, <http://www.advancedmanufacturing.com/> (Full-text online magazine)
 Dow Jones Industrial Average, http://www.dowjones.com/corp/index_average.html
 Cabral, *A Reader in Industrial Organization*, 1999
 Gilbreth & Gilbreth, *Fatigue Study: the Elimination of Humanity's Greatest Unnecessary Waste*, 1916
 Gilbreth, *Motion Study: a Method for Increasing the Efficiency of the Workman*, 1911

Gilbreth, *Primer of Scientific Management*, 1912
Hayes et. al., *Dynamic Manufacturing: Creating the Learning Organization*, 1988
Institute of Industrial Relations, <http://socrates.berkeley.edu/~iir/>
Johnson, *Miti and the Japanese Miracle: the Group of Industrial Policy 1925-75*, 1983
Kidder, *The Soul of a New Machine*, 2000
Knaigel, *One Best Way: Frederick Winslow Taylor and the Enigma of Efficiency*, T55.9.K37 1997
Leaders for Manufacturing (LFM) Program, <http://lfm.mit.edu/home1.nsf/home>
Manufacturing News, <http://www.manufacturingnews.com/> (Limited full-text online magazine)
National Association of Manufacturers (NAM), <http://www.nam.org/>
National Center for Manufacturing Sciences (NCMS), <http://www.ncms.org/>
Nof, *Handbook of Industrial Robotics*, 1992
Southern California Manufacturing Network, <http://www.scamfgnet.com/index.htm>
Standard Industrial Classification (SIC) Index, <http://www.osha.gov/oshstats/sicser.html> (Searchable database)
Yates, *Critical Path: Inventing an Automobile*, 1996

CULTURAL ANALYSIS & HISTORY

Benson, *New Technology and Industrial Change*, 1995
Bernal, *Scientific and Industrial Revolution*, 1971
Center for Working-Class Studies, <http://www.as.yu.edu/~cwcs/>
Crook, *India's Industrial Cities*, 1993
Feldman & Betzoid, *End of the Line: Autoworkers and the American Dream*, 1990
Ford, *Today & Tomorrow*, 1926
Labor & Business History Links, <http://www.iisg.nl/~w3vl/>
Montgomery, *Citizen Workers: the Experience of Workers in the U.S. with Democracy and the Free Market*, 1994
Piore, *The Second Industrial Divide*, HD2329.P56 1984
Selsam, *Reader in Marxist Philosophy*, HX15.S4 (Introduction to Part 1, "The Theory of the Proletariat")
Taylor, *Principles of Scientific Management*, TT55.9.T377 1997 (Classic efficiency text of 1911)

FACTORIES: DURABLE GOODS

"Factories," *Casabella*, December 1997-January 1998 (Theme issue)
"Le langage de l'industrie," *Architecture d'aujourd'hui*, June 1982 (Theme issue)
"Mobil für die Zukunft?" *Bauwelt*, May 8, 1998 (Theme issue on automobile plants in Europe)
"Usines, architecture et conditions de travail," *Techniques et architecture*, May 1977 (Theme issue)
"Des usines pour des hommes," *Techniques et architecture*, June 1982 (Theme issue)

ELECTRONICS

Assembly International, <http://www.assembly.net/index.shtml>
Circuit World/Electronics Manufacturing Guide, <http://www.circuitworld.com/>

FURNITURE & FURNISHINGS

Business and Institutional Furniture Manufacturer's Association, <http://www.bifma.com>
Edwards, *Twentieth-Century Furniture: Materials, Manufacture and Markets*, TS880.E39 1994
FDM: Furniture Design & Manufacturing (Periodical)
The Merchandise Mart, <http://www.mmart.com>
National Home Furnishings Association, <http://www.homefurnish.com/NHFA/>
National Kitchen and Bath Association, <http://www.nkba.org>

LUMBER & WOOD

Lumberweb Directory for the Lumber Industry, <http://www.lumberweb.com/>

MACHINERY

Association for Manufacturing Technology (AMT), <http://www.mfgtech.org/>
Modern Machine Shop, <http://www.mmsonline.com/> (Online magazine)

METAL PRODUCTS

Aluminium Industry Server, <http://www.aluminium.net/>
American Foundrymen's Society, <http://www.afsinc.org/>
E-Steel: Marketplace for the Global Steel Industry, <http://www.e-steel.com/>
National Metal Finishing Resource Center, <http://www.nmfr.org/>

STONE, CLAY & GLASS: brickworks

Brick Institute of America (BIA), <http://www.bia.org>
International Masonry Institute (IMI), <http://www.imiweb.org>
National Stone Association (NSA), <http://www.aggregates.org>

MOTOR VEHICLES

American Automobile Manufacturers Association, <http://www.aama.com/>
Association of International Auto Manufacturers, Inc., <http://www.aiam.org/>
Maritime Global Net, <http://www.mglobal.com/shipyds.htm> (Shipbuilding industry resources)

FACTORIES: NONDURABLE GOODS

CHEMICAL

American Chemistry Council, <http://www.cmahq.com/>
Oil, Chemical & Atomic Workers (OCAW), <http://www.webshells.com/ocaw/> (Union)

FOOD: canneries breweries wineries distilleries

Agribusiness, Food Industry and Forest Industry Links, <http://www.nal.usda.gov/atmic/pubs/agriassn.htm>
Thomas Food Industry Register, <http://www.tfir.com/>

APPAREL, LEATHER & TEXTILE

Fashion Index, <http://www.fashionindex.com/index.vs> (Apparel manufacturers resources)
Leathernet, <http://www.leathernet.com/>
Textile & Garment Net, <http://www.textilegarment.com/> (Global portal for all aspects of the industry)
Textile Industry Links, <http://www.miltonia.com/link/>

PAPER: pulp

National Paper Trade Association, <http://www.gonpta.com/>
Technical Association of the Pulp and Paper Industry, <http://www.tappi.org/>

PETROLEUM & COAL

Canadian Petroleum Products Institute, <http://www.icpp.ca/cppi.html>
Western Petroleum Marketers Association, <http://www.wpma.com/>

PLASTIC & RUBBER

Polysort, <http://www.polysort.com/>
Rubber Manufacturer's Association, <http://www.rma.org/>
Society of the Plastics Industry, <http://www.socplas.org/>

PRINTING & PUBLISHING: printing plants

Graphic Arts Industry Network, <http://www.gain.org/servlet/gateway>
Print Cities Marketplace, <http://printcities.com/>

TOBACCO

International Tobacco Growers Association, <http://www.tobaccoleaf.org/>
Tobacco Manufacturing Exchange, <http://www.americanmanufacturers.com/>

FLEXIBLE / JUST-IN-TIME MANUFACTURING

Bovet & Sheffi, "The Brave New World of Supply Chain Management."
<http://www.manufacturing.net/magazine/logistic/archives/1998/scmr/05brave.htm>
Kenney & Florida, Beyond Mass Production: The Japanese System and its Transfer to the United States, 1993.
Maquiladora Industry, <http://www.obregon.gob.mx/maquiladora.html>
Mexico Maquiladora Links, <http://www.mexonline.com/maquiladora.htm>
Producing Just In Time, <http://www.iaehv.nl/users/drshofm/planningsystemen/jitprod.htm>
Seven Principles of Supply Chain Management,
<http://www.manufacturing.net/magazine/logistic/archives/1997/scmv/11princ.htm>
Sriparavastu & Gupta, "An Empirical Study of JIT and Total Quality Management Principles Implementation in Manufacturing Firms in the USA," International Journal of Operations & Production Management, v. 17, no. 12, 1997
(This magazine is a major source of studies on JIT issues)
Strassmann, "Outsourcing: A Game for Loser." <http://www.strassmann.com>
"The Top Ten Reasons Companies Outsource" & "Avoiding Pitfalls: Three Warning Signs." The Outsourcing Institute,
<http://www.outsourcing.com>
Western Maquiladora Trade Association, <http://www.wmtasd.org/>
White, "JIT Manufacturing: A Survey of Implementations in Small and Large U.S. Manufacturers," Management Science, v. 45, no. 1, January 1999
Vokurka & Davis, "Just-in-Time: The Evolution of a Philosophy." Production and Inventory Management Journal, v. 37, no. 2, 1996,

GAS & OIL

American Petroleum Institute, <http://www.api.org/>
Discovery Place, <http://www.discoveryplace.com/> (Petroleum industry resources)
Natural Gas Com, <http://www.naturalgas.com/>

OFFSHORE DRILLING PLATFORMS

"Gullfaks C-öljynporauslautta, Norja," *Arkkitehti*, v.86, no.4, 1989
Marine Construction Links, <http://www.discoveryplace.cpom/BusinessDirectory/construction-Marine/>
Offermen, "Outpost of Civilization," *Rassegna*, no. 69, 1997
Offshore Technology Research Center, <http://otrc.tamu.edu/>
Reddy, *Offshore Structures*, TC166.O315 1991 v. 1 & 2
Spessa "Piattaforme petrolifere Agip: le isole dell'energia" *Casabella*, December 1997-January 1998
Zoellner, "Oil and Water," *Invention & Technology*, Fall 2000 (Concise history of offshore oil drilling)
Organization of Petroleum Exporting Countries (OPEC), <http://www.opec.org/>
Oil- & Gas-Related Environmental Issues Links, <http://dir.yahoo.com/Science/Energy/Petroleum/Issues/>
U.S. Department of Trade, Office of Pipeline Safety, <http://ops.dot.gov/>

INDUSTRIAL TOWNS

"Company Towns," *Rassegna*, no. 70, 1997(Theme issue)
Crawford, *Building the Workingman's Paradise*, HT123.C688 1995
Garner, *The Company Town: Architecture and Society in the Early Industrial Age*, 1992
"Industrial Districts; principles in practice," NA9000.U67 no. 44
"Industry in London: revisions and reflections," *London Journal*, v. 21, no. 1, 1996 (Theme issue)
Klein, *Prisoners of Progress: American Industrial Cities 1850-1920*, HT123.K55
Kornblum, *Blue Collar Community*, 1974
"Magnitogorsk," *Bauwelt*, December 29, 1995 (Theme issue)
"Industrial fallow land: an urban challenge," *Werk, Bauen + Wohnen*, January-February 1991(Theme issue)
"Städte ohne Arbeit?" *Bauwelt*, December 27, 1993 (Theme issue on industrial buildings and research parks)
ULI, *Business and Industrial Park Handbook*, HD1393.5.B86 1988
ULI, *Industrial Districts: principles in practice*, NA9000.U67 no. 44
"Work and the City," *Architectural Review*, March 1989 (Theme issue)

MINING

"America's Mining Heritage," *CRM*, v. 21, no. 7, 1998 (Theme issue)
Bibliography and Index of Geology (Periodical index, 1933 to present, updated monthly)
Bureau of Mines Bulletin (Periodical published since 1949)
The Copper Page, <http://www.copper.org/>
Francaviglia, *Hard Places: Reading the Landscape of America's Historic Mining Districts*, 1992
Gold Institute, <http://www.goldinstitute.com/>
Goldsheet, <http://goldsheet.cimlenet.com/index.htm> (Financially-oriented news & extensive links on all mining issues)
Mine Network, <http://www.minenet.com/>
"Minerals Planning," *Landscape Design*, March 1995 (Theme issue on reclaimed quarry land)
Mining Business Digest, <http://www.mining.com/>
Mining Links (Econet), <http://www.igc.apc.org/mining/links.html>
Mining USA, <http://www.miningusa.com/>
Office of Surface Mining, <http://www.osmre.gov/osm.htm>
Robert et. al., "Le Triangle Noir," *l'Architecture d'aujourd'hui*, June 1998
U. S. Bureau of Mines, Minerals Yearbook (Periodical published annually)

RENOVATION & AESTHETICS OF RUINS

Bracegirdle, *Archeology of the Industrial Revolution*, 1973
Gordon, *Archaeological View of Industrialization*, 1994
Hoerr, *And the Wolf Finally Came: the Decline of the American Steel Industry*, 1988
Industrial Archaeology (Series from Humanities Press)
Industrial Archaeology Review (quarterly)
Rehabilitation: alternative for Historic Industrial Buildings, TH3411.R43
Sande, *Industrial Archeology*, T21 .S26 1976
Stratton, "Skating Rinks to Shadow Factories," *Industrial Archaeology Review*, Spring 1996
Teaford, *Rise and Fall of the Industrial Midwest*, 1994
Trinder, *Making of the Industrial Landscape*, 1993

REPRESENTATIONS IN ART, LITERATURE, MOVIES

Bottom Dog, <http://members.aol.com/lsmithdog/bottomdog/webdoc4.htm> (Good bibliography and filmography)

ART

Bamberger, *Closing: an American Factory*, 1998

Becher & Becher, *Industrial Facades*, TR706.B43 1995
Breisch & Hambourg, *Mills and Factories of New England*, 1988
Friedlander, *Factory Valleys*, TR654.F75 1982
Salgado, *Workers: an Archaeology of the Industrial Age*, 1997

MOVIES

Labor Vs. Capital in Silent Films, <http://www.usc.edu/dept/LAS/history/hist225g/> (USC Film seminar)
Labor-Related Films in the Library of Congress, <http://lcweb.loc.gov/rr/mopic/labor.html>
Michael Moore, <http://www.michaelmoore.com/>
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Antonioni, *The Red Desert*, 1964; Clair, *Give Us Freedom*, 1931; Donen, *The Pajama Game*, 1957; Eisenstein, *Strike*, 1925; Kaurismäki, *The Match Factory Girl*, 1989; Kopple, *American Dream*, 1990; Kopple, *Harlan County U.S.A.*, 1976; Lang, *Cheaper by the Dozen*, 1950; Lumière, *Leaving the Factory*, 1895; Ritt, *Norma Rae*, 1979; Schrader, *Blue Collar*, 1978; Stuart, *Willie Wonka and the Chocolate Factory*, 1971

SMALL FACTORIES & SWEATSHOPS

"A History of the American Sweatshop 1820-Present," <http://www.si.edu/nmah/ve/sweatshops/start.htm>
Bernhardt, "Triangle Shirtwaist Factory Fire Site in NHL," *CRM*, v. 17, no. 1, 1994
Davey, "The Mill and the Sweatshop," *Architectural Review*, January 1994
Sweatshop Watch, <http://www.sweatshopwatch.org/>

TECHNOLOGY

Advanced Manufacturing Automation Center of Excellence, <http://condor.stcloudstate.edu/~amace/>
"Electricity," *Rassagna*, NA1.R37 no. 63 1995 (Theme issue)
Plant Automation Com, <http://www.plantautomation.com/>
Scott, *Introduction to Industrial Hygiene*, 1995
Society of Manufacturing Engineers (SME), <http://www.sme.org/cgi-bin/getsmepage.pl?/new-sme.html&&&SME&>

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