Appendix E. Resources

PRINTED MATERIAL
ASME B31.1, Power Piping.

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The U.S. Department of Energy maintains an extensive listing of publications and articles that provide information on best practices and standards. These publications can be found in a publications library site (www.oit.doe.gov/bestpractices/library.shtml).
ON-LINE TOOLS
Alliance to Save Energy: www.ase.org
Bonneville Power Administration: www.bpa.gov
The Carbon Trust: www.thecarbontrust.co.uk
  Publications: www.thecarbontrust.co.uk/energy/pages/publication_search.asp
Compressed Air Challenge: www.compressedairchallenge.org
Earle, R.L., Unit Operations in Food Processing:
  www.nzifst.org.nz/unitoperations/index.htm
Energy Information Bridge: www.osti.gov/bridge
Energy Manager Training: www.energymanagertraining.com/new_index.php
Energy Services, Energy Solutions Database: www.energyexperts.org/energy_solutions
Food Engineering: The Magazine for Manufacturing Management:
  www.foodengineeringmag.com
Gartner Refrigeration and Manufacturing: www.gartner-refrig.com
  Tips and Tools: www.gartner-refrig.com/resources/tips.asp
  Downloads: www.irc.wisc.edu/software/downloads.php
  Publications: http://www.irc.wisc.edu/publications/
Ingersoll Rand, (2001), Air Solutions Group: Compressed Air Systems Energy Reduction
  Basics: www.air.ingersoll-rand.com/NEW/pedwards.htm
Lawrence Berkeley National Laboratory, The Energy Analysis Department:
  http://eetd.lbl.gov/EA.html
Oak Ridge National Laboratory (ORNL) – Buildings Technology Center:
  www.ornl.gov/sci/btc/apps
  Building Envelopes Program: www.ornl.gov/sci/roofs+walls/
    Insulation Fact Sheet: www.ornl.gov/sci/roofs+walls/insulation/ins_01.html
Online Chemical Engineering Information, Pinch Technology: Basics for Beginner:
  www.chemres.com/pinchtech1.shtml
Singh, Paul, Teaching Resources: Animation:
  www.rpaulsingh.com/animated%20figures/animationlist.htm
Spirax Sarco Learning Center:
  www.spiraxsarco.com/learn/default.asp?redirect=html/3_13_01.htm
Steaming Ahead: www.steamingahead.org
www.eere.energy.gov
Building Technologies Program: www.eere.energy.gov/buildings
Information Resources: www.eere.energy.gov/buildings/info/publications.html
Energy Savers: www.eere.energy.gov/consumerinfo
Energy Information Bridge: www.osti.gov/bridge
Industrial Technologies Program: www.eere.energy.gov/industry
BestPractices: www.oit.doe.gov/bestpractices
Compressed Air: www.oit.doe.gov/bestpractices/compressed_air
Fact Sheets: www.oit.doe.gov/factsheets/fact_other.shtml
Motors: www.oit.doe.gov/bestpractices/motors
Plant-Wide Assessments: www.oit.doe.gov/bestpractices/assessments.shtml
Process Heating: www.oit.doe.gov/bestpractices/process_heat
Tools and Publications: www.oit.doe.gov/bestpractices/pubs.shtml
EERE Information Center: 1-877-EERE-INF or eereic@ee.doe.gov
Publications Library: www.oit.doe.gov/bestpractices/library.shtml
- Technical Publications
- Case Studies
- Plant-Wide Assessment Summaries
- Energy Matters
- Training Materials
- Library Links
Software Tools: www.oit.doe.gov/bestpractices/software_tools.shtml
- AIRMaster+
- Fan System Assessment Tool (FAST)
- MotorMaster+
- MotorMaster+ International
- NOx and Energy Assessment Tool (NxEAT)
- Process Heating Assessment and Survey Tool (PHAST)
- Pumping System Assessment Tool (PSAT)
- Steam System Tool Suite
  - Steam System Scoping Tool (SSST)
  - Steam System Assessment Tool (SSAT)
  - 3EPlus
- Decision Tools for Industry
- ASDMaster: Adjustable Speed Drive Evaluation Methodology and Application
Steam: www.oit.doe.gov/bestpractices/steam
Simply Insulate: www.simplyinsulate.com
ORGANIZATIONS
Alliance to Save Energy: www.ase.org
American Council for an Energy Efficient Economy: www.aceee.org
American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE): www.ashrae.org
Association of Energy Engineers: www.aeecenter.org
Boiler Efficiency Institute: www.boilerinstitute.com
British Compressed Air Society: www.britishcompressedairsociety.co.uk
The Carbon Trust: www.thecarbontrust.co.uk/energy
Centre for Analysis and Dissemination of Demonstrated Energy Technologies (CADDET): www.caddet.org
Energy User News: www.energyusernews.com
Food and Drink Federation, Voice of the UK Food and Drink Manufacturing Industry: www.fdf.org.uk/home.aspx
Gas Research Institute: www.gri.org
The Industrial Refrigeration Consortium: www.irc.wisc.edu
International Energy Agency: www.iea.org
International Institute of Ammonia Refrigeration: www.iiar.org
Iowa Energy Center: www.energy.iastate.edu
Iowa State University Industrial Assessment Center (IAC): (515) 294-3080 or www.me.iastate.edu/iac
Lawrence Berkeley National Laboratory, The Energy Analysis Department, National: http://eetd.lbl.gov/EA.html
National Electrical Manufacturers Association: www.nema.org
Sustainable by Design: www.susdesign.com
Technical Information Services: www.ntis.gov
United Kingdom Energy Efficiency: www.etsu.com