

Newsletter Sources

<u>Home</u> | <u>Background and Experience</u> | <u>Services</u> | <u>Affiliations</u> | <u>Projects</u> | <u>Newsletter Archives</u> | <u>Newsletter Sources</u> | Contact Us

What follows is a listing of links to online sources where each line describes a single item within each of the newsletters on the *Newsletter Archives* page of this site and where the links were verified as active or updated to be active as of the date the listing was compiled, September 4, 2016. This list comprises a substantial amount of information, where hard copies of the source material or web pages referred to has filled three 3" three-ring binders, amounting to hours, if not days, of reading.

The sources listed herein are to be found via their links in the newsletters. First, click on the link below to get to the appropriate newsletter and then click on the link in the body of the newsletter which corresponds to the item described in the listing below. For example, if you click on <u>VolNo1</u> below to get to that newsletter issue, clicking on <u>ANSI Standard</u> in the body of that newsletter would take you to the American National Standards Institute website.

Where the word "None" appears below, the newsletter volume/issue link below will still get you to that issue of the newsletter (as will the link on the *Newsletter Archives* page), where the subject newsletter is one which contains no links to sources.

| Vol1No1 6/7/91 | - | Construction Specifications Institute Masterformat Web Page American National Standards Institute Website AIA Contract Documents Web Page |
|---------------------------|---|---|
| Vol1No2 6/28/91 | - | Marvin Harris Wikipedia article |
| Vol1No3 7/29/91 | - | Occam's (or Ockham's) Razor |
| Vol1No4 8/27/91 | - | None |
| Vol1No5 11/9/91 | - | The Aluminum Association Website |
| <u>Vo2No1</u> 10/19/92 | - | Beowulf Wikipedia Article |
| <u>Vol3No1</u> 5/5/93 | - | None |
| Vol3No2 9/20/93 | - | None |
| Vol4No1 10/22/97 | - | None |
| <u>Vol5No1</u> 1/17/05 | - | Volume 1 Number 4 "All Heat is Dry Heat" Volume 3 Number 1 "'Twas the Season" [banging steam pipes] Dan Holohan's Heating Help Website |
| Vol5No2 2/14/05 | - | None |

| <u>Vol5No3</u> 3/13/05 | - | None |
|---------------------------|---|--|
| <u>Vol5No4</u> 4/11/05 | - | None |
| <u>Vol5No5</u> 5/16/05 | - | New York City [NYCDOB] Department of Buildings Website NYCDOB Online 2014 Building Code NYCDOB Directive 14/75; Limited Exam, Applicant Final Inspection & Completion Letter Request NYCDOB Professional Certification (Includes Site Safety Plan as Pro-Cert Alt3) National Association of Home Inspectors Website American Society of Home Inspectors Website Inspection Depot's Home Guide Report System descriptive web page |
| Vol5No6 7/1/05 | - | None |
| <u>Vol5No7</u> 7/28/05 | - | None |
| <u>Vol5No8</u> 9/1/05 | - | Murphy's Laws Website AutoCAD 2002 Sample Drawing (How not to draw and annotate) |
| Vol5No9 9/27/05 | - | None |
| Vol5No10 10/3/05 | - | Szekely Website Figure 1, Axonometric Detail of HVAC Supply Plenum/Splitter |
| Vol5N011 11/1/05 | - | None |
| Vol5No12 12/1/05 | - | None |
| <u>Vol6No1</u> 1/3/06 | - | New York State Energy Conservation Construction Code Website NYCDOB Online 2014 Building Code |
| Vol6No2 2/6/06 | - | Energy, Work, and Power YouTube Video |
| Vol6No3 3/13/06 | - | None |
| Vol6No4 4/6/06 | - | None |
| Vol6No5 | - | Volume 1 Number 4 "All Heat is Dry Heat" |
| 5/9/06 | | Volume 5 Number 1, different types of heating systems |
| Vol6No6 6/26/06 | - | None |
| <u>Vol6No7</u> 9/18/06 | - | None |
| Vol6No8 9/18/06 | - | None |
| Vol6No9 | - | None |

12/5/06

Vol7No1

US Green Building Council Website

11/29/07

Mother Earth News Website

Vol7No2 3/12/07 None

Vol7No3 4/18/07 Volume 6 Number 5, the difference between heat and temperature

Volume 5 Number 3, commissioning

Chlorinated Fluorocarbons (CFC's) Wikipedia page

New York State Energy Conservation Construction Code Website

EPA Energy Star Website

Vol7No4

5/16/07

None

Vol7No5 7/5/07 - .45 ACP (Automatic Colt Pistol) Cartridge Wikipedia article

Firearm Ballistics Tutorial

Weight of a Sport Utility Vehicle Cory Lidle Wikipedia article

Tampa 2002 Cessna 172 into Building Crash Wikipedia article

Vol7No6

D.B. Steinman Wikipedia article

7/12/07

National Society of Professional Engineers Website

Vol7No7 7/31/07 TWA Flight 800 Wikipedia article

Gasoline Safety from the American Burn Association

Dynamite Wikipedia article TNT Wikipedia article

Plastic Explosive Wikipedia article

Semtex Wikipedia article RDA Wikipedia article

Speed of Sound Wikipedia article Octane Rating Wikipedia article Gasoline Wikipedia article Diesel Engine Wikipedia article British Thermal Unit Wikipedia article

Vol7No8 9/12/07 NASA Space Shuttle Website

Paragliding Wikipedia article

Lift-to-Drag Ratio Wikipedia article USDOT Number of Airports table

Sailing Wikipedia article

Bernoulli's Theorem Explanation

Gimli Glider Wall Street Journal 30th Anniversary piece

Airliner Glide Ratios Sailplane Info Website

Space Shuttle Re-entry and Landing Wikipedia article

NASA Article on Gulfstream 2 Dead-Stick Space Shuttle Landing Trainer

Vol7No9 10/9/07 - Vol5No2 Piece on Commissioning re Submittals

John A. Roebling Wikipedia article

Brooklyn Bridge Wikipedia article

Vol8No1 1/8/08 Vol7No1 Begins a Series Explaining the LEED Rating System

Vol7No4 Ends a Series Explaining the LEED Rating System US Green Building Council LEED Web Page on Rating Systems

International Code Council Website NYC Department of Buildings Website NYC Energy Conservation Code Website NYS Energy Conservation Construction Code Website

ASHRAE 90.1 Wikipedia article

Vol5No1 Regarding Retention of Steam Heat by Cast-Iron Radiation

Vol8No2 - US Green Building Council Website

8/11/08 NYC Charter re Section 1101's Permission to Agency Heads

Acting DOB Commissioner LiMandri's Statement of Substantial Need for Special Inspections

Vol8No3 - Atlas Shrugged Wikipedia article

10/28/08 Directive 14 NYCDOB Brochure

Special Inspection NYC Rule 101-06

Assembly Bill allowing NYCDOB to Refuse Knowingly False Filings from Design Professionals

NYC Comptroller's 2003 Audit of Professionally Certified DOB Applications

Vol9No1 - NYC Department of Buildings Wikipedia article

4/20/09 NYC Department of Buildings Website

NYC Department of Housing Preservation and Development

Millwright Wikipedia article Wainwright Wikipedia article Barber surgeon Wikipedia article

John A. Roebling Wikipedia article Brooklyn Bridge Wikipedia article

Broughton Suspension Bridge Wikipedia article

Wheeling Suspension Bridge article

[First] Queenston-Lewiston Bridge Wikipedia article

American Society of Civil Engineers Website

American Institute of Mining, Metallurgical, and Petroleum Engineers Website

American Institute of Mechanical Engineers Website Institute of Electrical and Electronics Engineers Website National Society of Professional Engineers Website Vol7No6 We the People and the Learned Professions

Hippocratic Oath Engineer's Creed

Directive 14 NYCDOB Brochure

Sultana Riverboat Explosion Wikipedia article

Gimli Glider Wikipedia article

Miracle on the Hudson (US Airways Flight 1549) Wikipedia article

US airways Flight 1549 Flight Tracker Log

Vol9No2 - Vol6No5 Digital vs. Analog Heat (The Difference Between Temperature and Heat)

8/28/09 Liquefied Natural Gas Wikipedia article

Vol3No1 'Twas the Season (Change of State)

Latent Heat Wikipedia article

Compressed Natural Gas Wikipedia article Liquefied Natural Gas Wikipedia article Geothermal Power Wikipedia article

<u>Vol9No3</u> - Earth's Crust Wikipedia article

9/25/09 Hen's Eggshell Physical Properties from The Biological Bulletin

Geothermal Power in Iceland Wikipedia article

Ring of Fire Wikipedia article Plate Tectonics Wikipedia article

Average Depth of Oil and Gas Wells from the US Energy Information Administration

Fuel Cost Comparisons from Energy Kinetics

Aquifer Thermal Energy Storage from ICAX Interseasonal Heat Transfer

Isaac Asimov Wikipedia article Fantastic Voyage Wikipedia article

Life and Energy Wikipedia article

Nuclear Fission Wikipedia article

Nuclear Fusion Wikipedia article

Stars Wikipedia article

Mass-Energy Equivalence Wikipedia article

Sun Wikipedia article

Nuclear Power in France Wikipedia article

Breeder Reactor Wikipedia article

Petroleum Wikipedia article

Vol9No4 12/30/09 NYC 1968 Building Code

NYC 2014 Building Code

NYC Department of Buildings Guide to Work Permits

NYC Department of Buildings Guide to Successful Plumbing Inspections

'Efficacious' Dictionary Definition

2007 Sunnyside Queens Gas Main Explosion

Vol8No3 re 2003 NYC Comptroller Audit of Professionally Certified Applications

NYCDOB 4-21-94 Memo on interaction of Design Professionals, Lawyers, & Owners w/Examiners

NYS Education Law Section 145 Defining and Regulating the Design Professions

Franz Kafka Wikipedia article

Vol10No1 5/28/10 Vol5No4 re Icebreaker Story at First Construction Team Meeting

Ancient Egyptian Technology Wikipedia article

École Nationale de Ponts et Chaussées Wikipedia Article

Scottish Enlightenment Wikipedia article

Yankee Ingenuity Wikipedia article

'Tycoon' John Wayne Movie

NYS Education Department on Corporate Entities for Professional Practice

Bechtel Website History Page

Hands-Off Spin Recovery from Flying Magazine Payne Stewart Plane Crash on Air Safe Website Fixed Wing Flight Dynamics Wikipedia article Colgan Air 2009 Buffalo NY Flight Crash

Vol10No2

The Last Revision poem

12/10/10 Victor Borge Wikipedia article

Franz Liszt Wikipedia article

Edward R. Murrow Wikipedia article

Person to Person TV Show Wikipedia article

'Putative' Dictionary Definition Zero Defects Wikipedia article

The Use of Technical Consultants (Job Shoppers)

Not Invented Here Wikipedia article

'Dreck' Dictionary Definition

Vol11No1 1/28/11 Pressure Loss in Steel Pipe from The Engineer's Toolbox

Electric Current [Speed of] from The Physics Classroom

Conservation of Energy Wikipedia article

Classical Physics Wikipedia article

Exothermic Process Wikipedia article

Heat of Combustion Wikipedia article

Engine Efficiency Wikipedia article

Formula 1 Engines from the Formula 1 Technical Net Website

Washington University Course Presentation on Improving Engine Efficiency

Quantum Mechanics Wikipedia article

Relativistic Quantum Chemistry Wikipedia article

Power Plant Thermal Efficiency from Bright Hub Engineering Website

Electric Power Transmission [Losses] Wikipedia article

Electric Car Wikipedia article

Carbon Dioxide and Global Warming from CO2 Science Website

Hybrid Vehicle Wikipedia article

Vol11No2 4/1/11 Three Mile Island Accident Wikipedia article

Indian Point Energy Center Wikipedia article

The China Syndrome [Movie] Wikipedia article

Chernobyl Disaster Wikipedia article

Old Media Wikipedia article

Fukishima Daichi Nuclear Powerplant Wikipedia article

Understanding Radiation from the PJ Media Blog

Vol6No5 on the Difference Between Temperature and Heat

National Geographic Video on Understanding the Nuclear Threat

Uranium 235 Wikipedia article

Isotope Wikipedia article

Half-Life Wikipedia article

lodine-131 Wikipedia article

Effects of the Chernobyl Wikipedia article

Radiation Wikipedia article

Linear No-Threshold Radiation Protection Model Wikipedia article

Site-Specific Cancer Rates vis-à-vis Altitude from Carcinogenesis Journal

Food Irradiation Info from Idaho State University

Strontium-90 Wikipedia article

Radioactively Contaminated Foods in Japan from Safecast Blog in Japan

Spent Fuel Pools Wikipedia article

Yucca Mountain Nuclear Waste Repository Wikipedia article

Nuclear Power in France Wikipedia article

Nuclear [Fuel] Reprocessing Wikipedia article

Coal Ash is More Radioactive Than Nuclear Waste Scientific American article

<u>Vol11No3</u> -

Lever Wikipedia article

8/29/11

Weighing Scale [Analytical Balance Section] Wikipedia article

Cantilever Definitions and Examples from Answers.com

'Raison D'Etre' Wiktionary Definition

'Extemporize' Dictionary Definition

Fan/Coil Unit Wikipedia article

Structural Steel Channel on Metals Depot Website

I-Beam Wikipedia article

Mitsubishi Electric HVAC Website

Packaged Terminal Air Conditioner Wikipedia article

'To Err is Human, To Really Foul up Requires a Computer' on Quote Investigator Website

'Cogent' Wiktionary Definition

Vol12No1 -

Neologism Wikipedia article

8/15/12

Hydraulic Fracturing Wikipedia article

Luddite Wikipedia article

Paul Ehrlich Wikipedia article

The Population Bomb Wikipedia article

Physics Wikipedia article

Natural Philosophy Wikipedia article

The Emperor's New Clothes Wikipedia article

The Wizard of Oz Wikipedia article

Epicycle (Deferent and,) Wikipedia article

Burt Rutan's 2010 Critique of Catastrophic Anthropogenic Global Warming

EAA Air Venture Wikipedia Article

Psychobabble Wikipedia article

Thoreau's Walden Wikipedia article

Actuary Wikipedia article

Vol6No5 on the Differences Between Analog and Digital

Background Radiation Wikipedia article

Veganism Wikipedia article

'In Extremis' Dictionary Definition

Holland Tunnel Ventilation System on the ASME Website

Photosynthesis Wikipedia article

Holland Tunnel Wikipedia article

Kitchen Hood/Fan Selection from Kees Incorporated Website

<u>Vol13No1</u> -

Classical Elements Wikipedia article

12/1/14 Arthur C. Clarke's Three Laws Wikipedia article

Epicycle (Deferent and,) Wikipedia article

'Non Sequitir' Wikipedia article

'Anthropogenic' Dictionary Definition

Decade Long U.S. Cooling per NOAA Forbes Magazine article

CO2 as the Cause of Global Warming from the Plants Need CO2 Website

The Structure of Matter [History of,] from The Physics Classroom

Quantum Mechanics from PBS.org

IPCC on the Pause in Global Warming from BBC.com

Global Warming Hiatus Wikipedia article

Thoreau's Walden Wikipedia article

The Yugo GV as One of the 50 Worst Cars of All Time from Time Magazine

"Perspective" per Bill Whittle's Three and a Half Days Online Video

Vol14No1 -

Robert A. Heinlein Wikipedia article

8/14/16

Root Cellar Wikipedia article

'Entropy' Dictionary Definition

'Photosynthesis' Dictionary Definition

Life and Energy [Book] on Amazon.com

Chilled Beams Wikipedia article

Noise Criteria from The Engineer's Toolbox

Coanda Effect Explanation from S&C Thermofluids Ltd. Website

Challenger Space Shuttle Disaster Wikipedia article

Vol14No2 8/15/16

Verizon FIOS Paper Justifying Corporate Electrical Grounding Specifications

High-Definition Television Wikipedia article

Ultra-High-Definition Television Wikipedia article

'Byte' Wikipedia article

Category 5 Cable Wikipedia article

Gigabit Ethernet Wikipedia article

Additive Color Wikipedia article

Color Depth Wikipedia article

Codec Wikipedia article

Ethernet Over Co-Ax Wikipedia article

Internet Service Provided Wikipedia article

Network Interface Devices [Optical Network Terminals section] Wikipedia article

Fiber to the X Wikipedia article

NYC Department of Buildings TR-1 Form

<u>Vol15No1</u> -

Bechtel website

6/11/17

USMC Platoon Leaders Class (now Course) website

Parris Island Marine Corps Recruit Depot website

Haematuria (blood in urine) Wikipedia article

IVP (Intravenous Pyelogram) Web MD article

Cystoscopy article on Healthline

D.I. (Drill Instructor) Wikipedia article

Lightalarms Electronics website

Zonal Cavity (Lumen) Method Wikipedia article

Phasors Wikipedia article

AT&T Long Lines Wikipedia article

Ladder Schematics 70 page Explanation Pamphlet

ANSI/CSI 28 page National Standard on Binary Logic Diagrams

Accreditation Board for Engineering Technology website

NYCDOB Plumbing Division as-built Drawing Requirements

NYCDOB Boiler Division as-built Drawing Requirements

NYCDOB General Design Professional as-built Drawing Requirements

NYCDOB B-SCAN Drawing Submission Requirements

US National V6 CAD Standard

Darwin Awards website

Relational Database Wikipedia article Flat-File Database Wikipedia Article

Vol15No2 - HTML Wikipedia Article

9/21/17

This Web Page

Newsletter Archives Web Page Sample All Trades Baseplan Monitor Color Temperature MEP Wikipedia Article

HVAC Wikipedia Article

Dan Holohan's 'About Us' Web Page

Radiant Heating Wikipedia Article

Physics Web Page on Time for Sunlight to Reach Earth

Vol15No3 -10/11/17

Wikipedia PEX (Cross-Linked Polyethylene) Article

PEX Installation Recommendations (Bend Radius)

Radiant Concrete Floor Tubing Installation Detail

Radiant Wood Floor Tubing Installation Detail

Slant/Fin Bare Element Fintube Ratings

Bathtub/Shower In-Tile Fintube Detail

Floor Trench Fintube Detail

Wikipedia Condensing Boiler Article

Wikipedia Radiative Cooling Article

Wiktionary Esoterica Definition

Vol16No1 - Percentage Heat Gain Sources Pie Chart

5/26/18 Percentage Heat Loss Elements Graphic

YouTube 8:11 Video on Thermodynamics, Entropy & Gibbs Free Energy

Wikipedia Thermal Conductivity Article

Solar Insolation Graphic and Article from solarinsolation.org

Wikipedia Passive Solar Building Design Article

Dictionary Definition of 'Pedantic'

Volume 6 Number 5 on the Difference Between Heat and Temperature

Wikipedia Quantum Mechanics Article

YouTube 4:47 Video on Atoms and 'Empty Space

Wikipedia Heat Transfer Article, Section on Thermal Radiation

Wikipedia Maximum (Gross) Takeoff Weight Article

Wikipedia Wing Loading Article

Vol16No2 -6/11/18

Wikipedia on Rodney Dangerfield

Wikipedia on John Hasse, author of 'Big Red', the novel of the construction of Hoover (Boulder) Dam

Wikipedia on Frank Crowe, chief engineer/construction superintendent of Hoover (Boulder) Dam

Wikipedia piece on White Shadow TV series

Volume 10, Number 1, re John Wayne lead in 1947 film, Tycoon, design/build of railroad

US Dept of Education web page on STEM education

NSPE Home Page

Song C'est Moi, by Robert Goulet, from Camelot

Wikipedia on Avatar movie

Wikipedia on *The China Syndrome* movie

Henry David Thoreau's Walden Pond (complete)

Wikipedia explanation of a Lemma

Wikipedia on Nirvana

Wikipedia on John Harrison, the autodidact inventor of the marine chronometer (link: "clock")

Live Science web page on the Antikythera Mechanism (link: "Greek astronomical calculator")

Wikipedia on Neanderthals

Wikipedia on 'Big Oil'

Wikipedia on 'Big Pharma'

Wikipedia on Corporatocracy

Volume 5, Number 1 'Of Shields and Signals'

Wikipedia on Nikola Tesla

Wikipedia on Electricity Generation

Wikipedia on Electric Power Transmission

Wikipedia on Electric Power Distribution

Photo of plaque on building in NYC Financial District commemorating Edison's first electric generating station

Electrotrechnik web page on voltage level classifications

Electrical Engineering Portal web page on shielding of power cables

Wikipedia on Electrical Grounds

InfoBloom web page explaining Alternating Current impedance.

Wikipedia on Alternating Current skin effect *InfoBloom* web page explaining ionized air

Vol17No1 Wikipedia on 2015 East Village Gas Explosion

Gothamist on prison terms for perpetrators of 2015 East Village Gas Explosion

NYCDOB Technical Bulletin 2013-006

NYCDOB web page on Professional Certification of plans applications

NYC Building Code section on composite plans NYC Bulletin on B-SCAN drawing requirements

NYCDOB Construction Code Determination form CCD1

Vol17No2 NYCDOB Accepted Gas Riser with Blanket Wrap for Branches to Dwellings

NYCDOB Accepted Gas Riser with Double 5/8" Gyp for Branches to Dwellings

NYCDOB CCD1 Denial

YouTube link to "Doin' a What Comes Naturally"

Webster's Definition of raison d'être

Wiktionary Definition of Pièce de résistance

Vol17No3 NYCDEP Cross Connection Controls web page

9-20-21 Certified Mail Restricted Delivery letter to NYCDEP Commissioner Sapienza

Volume 6 Number 5 on the Difference Between Heat and Temperature

YouTube 1:32:50 Caleffi/John Siegenthaler Video on Heat Transfer in Hydronic Systems

Sterling VersaLine Fintube Radiation Catalogue

Sterling VersaLine Fintube Design Data Flow Rate and Delta-T Output Correction Chart

Vol18No2 Reddit post of January 2023 "I'm suddenly scared. (Chat-GPT)"

Wikipedia on ChatGPT

Wikipedia on the Late Bronze Age Collapse

Wikipedia Estimated of Historical World Population

New Scientist 8-21-13 "Exploring our love/hate relationship with Gaia"

Volume 7 Number 6 "We the People and the Learned Professions"

Wikipedia on Göbekli Tepe

Wikipedia on knotted cord as a primitive surveyor's tool

Wikipedia on tally marks

Wikipedia on positional notation numeration

Better Explained (Kalid Azad) on number systems and bases

Wikipedia on Napier's Bones

Wikipedia on mechanical calculators

Wikipedia on the invention of the integrated circuit

Wikipedia on the Apollo Guidance Computer

YouTube 1:21:21 Video on the Apollo Guidance Computer and the first moon landing.

New York Times 4-15-23 "The Surprising Things A.I. Engineers Will Tell You if You Let Them"

Chat GPT's home page

SimplyPsychology 4-10-23 "Freewill and Determinism"

New York City Local Law 97

NYSERDA web page for the Climate Leadership and Community Protection Act

HPAC Engineering 3-8-23 "Electrification Fever? Too Fast, Too Furious"

Vol19No1 Flex-Seal Website

Upside down water glass experiment on You Tube

Online explanation of Boeing 737 Pressurization System

National Wood Flooring Association on Radiant Floor Heating

Wikipedia on Condensing Boilers

Dan Holohan on Primary-Secondary Pumping

Vol19No2 Dimensional Analysis online explanation

Wikipedia definition of Furlong

Wikipedia definition of Fortnight

Online explanation of "Formulae as plural

Wikipedia on Complex Numbers

Explanations and Examples Volume 5 No. 8 "CAD and The Lost Art of Draughtsmanship" NYCDEP Stormwater Manual, February 1, 2024
NYCDEP Criteria for Detention Facility Design, November 19, 2012
15 RCNY 19.1 Stormwater Management for Water Pollution Control Wikipedia on Drywells
Explanations and Examples Volume 5 No. 3 "... Commissioning? What's Commissioning?"
Commissioning Plan