



Curriculum Vitae

Matthew W. Wilber, CGE, CFEI
Gas and Mechanical Systems Specialist
Facility and Technical Resources

Professional Practice

Matt has over thirty-eight years in the fuel gas industry. He has broad experience in residential, commercial and industrial appliance repair, installation and conversion, gas distribution system construction and maintenance, field supervision, training, emergency response and site management, gas leak and carbon monoxide investigations and remediation. Matt has worked extensively in the development of safety and performance standards for gas equipment and accessories, development and improvement of national and local construction codes with focus on those related to mechanical equipment installation and application, piping, ventilation, accessibility, life safety, and building science.

Employment History

Gas and Mechanical Systems Specialist/Facility and Technical Resources – Crane Engineering

Plymouth, MN • 2007 - Present

Performs analysis of mechanical systems and design, mechanical systems failure, explosions and gas related fires, and carbon monoxide. Consults on natural gas and LP systems and controls.

President – Matt Wilber and Associates, Inc.

Edina, MN • 2007 - 2008

Provided technical consultation and training in natural gas and LP systems and design, HVAC, safety, building systems and failures, carbon monoxide, construction codes, and manufacturing standards. Technical photographic and video documentation and presentation development.

Manager, Codes and Standards – Minnegasco/CenterPoint Energy

Minneapolis, MN • 1995 - 2007

Managed and communicated company position on the development and revision of relevant national codes and standards. Provided comprehensive contributions through participation on national technical standards writing committees such as; ANSI Z21/83, ASHRAE 62, AGA Building Energy Codes and Standards, International Code Council, International Association of Plumbing and Mechanical Officials, and others as appropriate. Maintained awareness and understanding of

the needs and concerns of consumers, energy related equipment and service providers, trade allies, professional and technical associations, as well as city, county and state agencies. Provided internal and external technical advice and counsel on the interpretation and application of codes, ordinances and permitting requirements related to natural gas equipment, its installation and other associated issues.

Acted as a key resource to those involved in developing national and state legislation (e.g., CenterPoint Energy Government Relations, AGA Government Relations) relating to standards, codes and safety issues which may impact natural gas customers. Registered lobbyist with the State of Minnesota for two years.

Assisted marketing, communications, and other departments/divisions in strategic planning. Acted as both an internal and external codes trainer and communications resource on industry technology, codes, standards, and building science. Translated technical information into meaningful and practical curriculum, educational presentations and other internal/external communication documents. Maintained expert knowledge level by conducting continuous research of new technologies, safety issues, processes, and procedures that enhance application and acceptance of natural gas equipment.

Field Service Supervisor – Minnegasco

Minneapolis, MN • 1988 - 1995

Provided supervision and training to field service personnel. Assisted field service technicians with complex and chronic appliance service and installation issues. Evaluated field performance and developed improvement plans. Responded to, and managed, emergency incidents such as gas leaks, explosions, fires, and carbon monoxide exposures. Coordinated incident management with fire departments, police, etc.

Field Service Technician – Minnegasco

Minneapolis, MN • 1979 - 1988

Serviced and installed residential, commercial, industrial gas appliances and equipment, and utility appurtenances. Responded to emergency incidents such as gas leaks, explosions, fires, and carbon monoxide exposures.

Professional Licenses

Gasfitter Certification, City of Minneapolis, Minnesota (1981-2011)

Certified Gas Engineer

Certified Fire and Explosion Investigator



Professional Affiliations

ANSI Z21/83 Technical Committee on Performance and Installation of Gas Burning Appliances and Related Accessories, Vice Chairman, 1996-present

NFPA 54, National Fuel Gas Code (alternate)

ANSI Z21.47 Central Furnace Technical Advisory Group (Chairman), 1996-present

ANSI Z21.10 Water Heater Technical Advisory Group, 1996-present

ANSI Z83 Food Service Equipment Technical Advisory Group, 1996-present

State of Minnesota Mechanical Code Advisory Committee, 1996-2006

State of Minnesota Energy Code Advisory Committee, 1996-2006

Minnesota Association of Plumbing and Mechanical Officials, 1996-present

National Association of Fire Investigators, 2010-present

American Society of Gas Engineers, 2010-present

CSA Fuels and Appliances Strategic Steering Committee, 2017-present

CSA US Gas Advisory Council, 2013-2017

Education

Dozens of technical seminars on gas appliances and equipment, building science, mold remediation, carbon monoxide, ventilation, and piping systems.

Advanced Fire, Arson & Explosion Investigation Training Program, NAFI, NFPA, Sarasota, FL, August 2-4, 2010.

Fire and Explosions Investigations (NFPA 921), NFPA, Quincy, MA, May 21-22, 2009.

Minimizing Liability in IAQ: Design, Construction and Operations Issues, ASHRAE, Atlantic City, NJ, January 15, 2002.

Presentation and Publications

More than 100 presentations on construction codes and manufacturing standards to code enforcement officials and industry trades people.

Contributing editor, tenth edition of the National Fuel Gas Code Handbook (2018).

Contributing editor, seventh edition of the National Fuel Gas Code Handbook (2009).



Developed two software products to assist the trades with code compliance, 1999 and 2003.

State of Minnesota Energy Code Study, Issues and Methodology, 2000.

City of Minneapolis Inspections Division, Mission and Future Direction Operational Review, 2000.

State of Minnesota Healthier Homes Advisory Committee, 1998.

University of Minnesota, Residential Ventilation Strategies training program, curriculum development and trainer, 1998.

"A Study of Undiagnosed Carbon Monoxide Complaints," M. Wilber & S. Klossner, International Healthy Buildings/IAQ Conference, Washington, DC, 1997.

University of Minnesota, Department of Forest Products, undergraduate program development for Residential Building Science and Technology, 1996.

Ventilation Advisory Committee, Metropolitan Airport Sound Insulation Project, 1996.

Minnesota Carbon Monoxide Task Force, 1995-1998.

Presenter at the national Affordable Comfort Conference, three years.

