



2355 Polaris Lane North, Ste. 120
Plymouth, MN 55447

MATTHEW W. WILBER, CGE, CFEI SENIOR CONSULTANT

mwwilber@engsys.com

Matt Wilber is a Senior Consultant for ESi. Matt has over 45 years in the fuel gas industry. He has broad experience in residential, commercial and industrial appliance repair, installation and conversion, piping systems, 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.

Areas of Specialization

Fuel Gas Industry
Codes and Standards
Piping Systems
Residential/Commercial/Industrial Appliance Repair and Installation
Gas Distribution System Construction/Maintenance
Mechanical Equipment Installation and Application
Carbon Monoxide Incidents
Building Science
Ventilation
Life Safety

Education

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

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

Licenses/Certifications

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

Certified Fire and Explosion Investigator (CFEI)

Certified Gas Engineer (CGE)

Professional Affiliations/Honors

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

NFPA 54, National Fuel Gas Code (alternate, 2015-2018)

NFPA 58, Liquefied Petroleum Gas Code (alternate, 2021-present)

ANSI Z21.47 Central Furnace Technical Standards Committee (Chairman), 1996-present

ANSI Z21.10 Water Heater Technical Standards Committee, 1996-present

ANSI Z83 Food Service Equipment Technical Standards Committee, 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, 1996-2018

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

Positions Held

Engineering Systems Inc., Plymouth, Minnesota

Senior Consultant, 2019 – Present

Crane Engineering, Plymouth, Minnesota

Gas and Mechanical Systems Specialist/Facility and Technical Resources, 2007 – 2018

Matt Wilber and Associates, Inc., Edina, Minnesota

President, 2007 – 2008

Minnegasco/CenterPoint Energy, Minneapolis, Minnesota

Manager, Codes and Standards, 1995 – 2007

Minnegasco, Minneapolis, Minnesota

Field Service Supervisor, 1979 – 1995

Minnegasco, Minneapolis, Minnesota

Field Service Technician, 1979 – 1988

Publications/Presentations

“Data at a Distance: The Art of Remote Inspections”, **M. W. Wilber**, presented at the ESi Smart Sessions, Engineering Systems Inc., Plymouth, MN, 2021

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, presented at the 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.

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