

# RONALD F. GRONEMEYER

## EDUCATION

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1990 to 1995 St. Louis Community College St. Louis, MO  
*Associate Degree, Applied Science: Building Inspection and Code Enforcement (with honors)*

1986 to 1990 St. Louis Community College St. Louis, MO  
*Associate Degree, Applied Science: Mechanical Engineering Technology (with honors)*

1966 to 1971 St. Louis Community College St. Louis, MO  
*Associate Degree, Applied Science: Fire Protection Engineering*

1964 to 1971 St. Louis University St. Louis, MO  
*School of Commerce and Finance: 15 hours completed*

## PROFESSIONAL EXPERIENCE

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July 2006 to Present MK & Associates, LLC  
*Senior Fire Origin and Cause*  
Investigate vehicular, building and mechanical fires for fire/explosion origin and causation relating to mechanical defects, pyrotechnics, blasting incidents and carbon monoxide investigations.

April 1982 to July 2006 Senne, Kelsey & Associates, Inc.  
*Fire Cause Consultant*  
Investigate fires and fire/explosions for causation relating to mechanical defects, pyrotechnics, blasting incidents and carbon monoxide investigations.

January 1986 to March 23, 1999 City of St. Louis Fire Department  
*Chief Investigator*  
Commanded supervised and trained the fire investigation unit of the St. Louis Fire Department; supervision of all fire origin and cause investigations; Department Instructor relative to the origin and cause of fires/explosions.

October 1984 to January 1986 City of St. Louis Fire Department  
*Fire Captain*  
Inspected high rise buildings; In direct command of fire fighting operations of downtown high rise buildings; Coordinated and instructed fire fighters in all aspects of fire prevention and suppression.

April 1980 to October 1984 City of St. Louis Fire Department  
*Line Position—Fire Fighter*  
Acting captain Engine Company 2; Supervised activities of Engine Company 2 under normal and emergency situations.

1980 to 1982 Self-Employed

*Fire Cause Investigator*

Concurrent full time employment with the St. Louis Fire Department as a firefighter.

August 1972 to April 1980 City of St. Louis Fire Department

*Staff Position—Fire Cause Investigator*

Inspected fire scenes; Interviewed fire fighters; Gathered pertinent information relative to fires, explosions and their causes; Gathered physical evidence, photographed scenes, correlated facts and formulated reports; Provided expert testimony in depositions, grand juries, civil and criminal courts.

1967 to 1970 William Mauller Heating & Air Conditioning

*Installment and Repair (part time)*

Installed and repaired gas-fired boilers and furnaces; Installed and repaired gas-fired conversion boilers, forced air furnaces and water heaters; Concurrent employment with the St. Louis Fire Department.

May 1966 to August 1972 City of St. Louis Fire Department

*Line Position—Fire Fighter*

Performed emergency firefighting duties, inspections and lectured at schools on fire safety and prevention.

July 1959 to May 1966 McCabe Powers Body Company

*Hydraulic Systems Mechanic*

Assembled heavy systems used on elevating platforms, telescopic booms and augers; Work included mechanics of hydraulic fluid systems, power take off, motors, pumps, valves and pistons.

## CERTIFICATIONS

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### Fire Investigation:

*Missouri State Certified Fire Investigator*

*Illinois Licensed Permanent Employee Registration Card (P.E.R.C.)*

*Private Detective Registration Number 0129-187146*

*Colorado State Certified Fire Investigator*

*Number 052200001*

*Certified Fire Explosion Investigator (CFEI)*

*Number 3122-0197*

### Private Detective:

*Kansas License Number D-4463*

*Arkansas License Number D04-096*

*Nebraska License Number 626*

Construction Electrical Inspector, 1 and 2 family dwellings  
*International Institute of Electrical Inspectors*

#### PROFESSIONAL MEMBERSHIPS

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National Association of Fire Investigators

National Fire Sprinkler Association, Inc.

International Association of Electrical Inspectors

International Association of Arson Investigators

National Fire Protection Agency

Professional Fire and Fraud Investigators Association

St. Louis Community College at Forest Park

*· Advisory committee/Municipal Services Department for Fire Protection Technology and Building Inspection and Code Enforcement*

*· Adjunct professor for Fire Protection Technology curriculum*

#### ADDITIONAL TECHNICAL TRAINING

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February 13 to 15, 2007: “Forensic Fire Scene Reconstruction” with John DeHaan in Topeka, Kansas.

April 1 to 3, 2003: “National Technology Transfer” and “National Fire Alarm Code” in St. Louis, Missouri

August 11 to 15, 1997: National Institute of Standards and Technology (NIST) Second International conference on “Fire Research and Engineering” in Gaithersburg, Maryland

November 14 to 15, 1997: Applications of FPETool—Society of Fire Protection Engineers: “Theory and Application of Fireform, Computer Compartment Fire Modeling and Post Fire Analysis” in Nashville, TN

Spring, 1996: St. Louis Electrical Board “Systems Grounding”

Fall, 1995: St. Louis Electrical Board “Transformers”

Spring, 1995: St. Louis Electrical Board “Motors”

Fall, 1994: St. Louis Electrical Board “Electrical Power Systems I”

October 10, 1994: International Association of Electrical Inspectors (NEC)

“One and Two Family Dwellings” Seminar

Spring, 1994: St. Louis Electrical Board “Fundamentals of Electrical Theory”

June 8, 1994: Missouri Association of Code Enforcement “Electrical Maintenance Inspections”

July 6 to July 17, 1992: National Fire Academy “Code Management—A Systems Approach” in Emmetsburg, Maryland.

November 26 to December 7, 1990: National Fire Academy “Plan Review for Inspectors—Codes” in Emmetsburg, Maryland.

Summer, 1990: St. Louis Community College at Florissant Valley “National Electric Code” and “NFPA-70 Standards & Calculations”

May 2 & 3, 1990: “Life Safety & Fire Suppression Systems” sponsored by Metro Fire Marshal's Association, Association of Building Officials & Inspectors and Society of Fire Protection Engineers

August 27 to September 1, 1989: Federal Bureau of Investigation “Arson Crime Scene School” in Quantico, VA (40 hour course)

August 23 to 25, 1989: National Association of Fire Investigators “Fire & Explosion Seminar. National Certification” (Certified Fire & Explosion Investigator)

August 22, 1989: Union Electric Company “Electrical Safety Seminar,” in St. Louis, MO

July 20, 1989: Suburban Propane Company “Propane Systems” in St. Louis, MO

July 11 to 12, 1989: “Blasting for Inspectors Seminar” Explosives Management & Technical Service in Kansas City, MO

June 12, 1989: Laclede Gas Company “Operation of Gas Appliances Workshop” in St. Louis, MO

April 1988: Federal Bureau of Investigation “Bombing Crime Scene School” in Quantico, Virginia. (40 hour course)

February 1988: National Fire Academy “Chemistry of Hazardous Materials” in Emmetsburg, Maryland (80 hour course)

October 1987: Department of Treasury, Bureau of Alcohol, Tobacco & Firearms “Advanced Arson for Profit” in Glynco, Georgia (80 hour course)

February 1987: National Fire Academy “Fire and Arson Investigation” in Emmetsburg, Maryland (80 hour course)

1986: "Certificate in Teaching Fire and Arson Investigation" conducted by St. Louis Fire Department in conjunction with the National Fire Academy "Train the Trainer" program

September 1986: Department of Treasury, Bureau of Alcohol, Tobacco & Firearms "Advanced Explosives Investigative Techniques Program" in Glynco, Georgia (80 hour course).

July 1986: Laclede Gas Company "Design & Function of Supply Systems & Appurtenances/Recognizing Explosions, Their Fuels & Results." in St. Louis, Missouri

July 1986: A.T.& F. and Department of Treasury "Explosives and Triggering Devices" St. Louis, Missouri

May 1986: Missouri State Certification "Fire Investigator" meeting requirements of the National Fire Protection Association Standard Number 1033

May 1985: National Fire Academy courses "Preparing for the Incident" and "Commanding the Initial Response" in St. Louis, Missouri

April 1985: Seminar by Bureau of Explosives and Railroad Association "Hazardous materials relative to transportation"

1977: Seminar by agents of F.B.I. and A.T.& F. "Bombs and explosives" attended through St. Louis Police Academy

1974: Seminar by National Association of Fire Investigators "Cause and origin of fires and explosions" in Chicago, Illinois

1972: Arson investigation seminar provided by the St. Louis Metropolitan Police Department; Studied legal aspects of fire and arson investigation (80 hours)

August 1972 to October 1972: Attended lectures coordinated by St. Louis Fire Department to correlate theory and learning with practical experience. Entire focus on origin and cause of fires and explosions. (480 hours of study)

#### PERSONAL INFORMATION

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Born March 23, 1941 in St. Louis, MO

Married with three children and eight grandchildren.

#### PRESENTATIONS

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September 26, 2007: Gave a presentation on fire investigation to a Forensic Evidence Class at St. Louis University School of Law.

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