

CURRICULUM VITAE

THOMAS A. PIERCE, CFI

Areas of Specialization

Fire Investigation, Chimney and Woodstove Venting, Pyrotechnics

Background and Professional Experience

Mr. Pierce has over 25 years of fire fighting experience. He currently holds the position of Fire Investigator and Training Officer with Fire Cause Analysis. During the course of Mr. Pierce's career, he has participated in over 850 cause and origin investigations, including vehicles, structures, and vegetation fires. He has instructed fire service personnel in oil fire suppression tactics and also has accumulated 18 years experience as a solid fuel contractor and inspector and is a regular contributor to "Ask the Expert" in the field of chimney and wood stove codes and safety. Recently Mr. Pierce was selected to serve on the Technical Committee for the NFPA 211 Standards for Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances. Mr. Pierce serves the fire investigation community as a Round Table Training Coordinator for Kern County and serves on the Board of Directors for the California Conference of Arson Investigators.

Special Training

- California State Fire Training, Instructor, Oil and Gas Fire School- 1986, thru 1993
- Chimney Relining School, Wood Energy Institute. 1987
- Masonry Restoration School, Southwestern Technical Institute 1989
- Fire Origin and Cause – California State Fire Marshall 1989
- Wildland Interface Fire Operations, California State Fire Training 1990
- Tactical Considerations for Structure Fires, San Bernardino Fire Department 1991
- Arson Detection For the First Responder, National Fire Academy 1999
- Methods of Enhancing Safety Education, National Fire Academy 1999
- Arson Scene Search & Evidence Recovery- Public Agency Training Council 1999
- Electrical Fire Investigation- Public Agency Training Council 1999
- Basic Air Operations-S270 United States Forest Service 2001
- Fire Investigation 1A & 1B (80 hours-tested), California State Fire Training 2001
- Fire Investigation 2A (40 hours-tested), California State Fire Training 2001
- Fire Investigation 2B (40 hours –tested), California State Fire Marshall 2004

- Advanced Fire/Arson Investigation, California Conference of Arson Investigators (24hours tested) 2001
- PC832, with firearms, P.O.S.T. Certification (64 hours-tested) 2001
- Level III P.O.S.T. Certification (116 hours-tested) 2001
- Level II P.O.S.T. Certification (277 hours-tested) 2002
- P.O.S.T. Correctional Deputy Academy (296 hours-tested) 2002 Expert Courtroom
- Expert Testimony Program (20 hours - tested), IAAI – 2005
- Investigation of Gas and Electric Appliance Fires, Fire Findings (30 hours-tested) 2005
- Certified Fireplace Inspector, (48 hours-tested) F.I.R.E – 2005
- Introduction to Fire Dynamics and Modeling, IAAI – 2005 (4 hours- tested)
- Understanding The Arsonist, San Bernardino Fire Department 2006
- Prosecution of Fireworks & Explosive Device Crimes, San Bernardino County District attorney Office 2006
- Fire Origin and Cause of Wildland Fires, California Conference of Arson Inv. 2007
- Fire Instructor 1A, State Board of Fire Services. 2007
- Serial Arson Analysis, San Bernardino Fire department 2008
- Advanced Explosive Recognition, Tulare Fire Department 2008, 2009
- Fireworks Safety, Pyro Spectaculars. 2009
- Advanced Fire/Arson Investigation, California Conference of Arson Investigators bi-annual conference 2004-2010
- Motion Picture/Television- Fire Safety Officer, California State Fire Marshal, 2009
- Ethical leadership in the Classroom, State Fire Service Training, 2009
- The Scientific Method for Fire and Explosion Investigation, IAAI (3 hours-tested)
- Forensic Fire Scene Reconstruction, Dr. John DeHaan, Dr. David Icove. 2010
- Advanced Vehicle Fire investigation. CCAI 2010 (co-instructor)

Professional Experience

2004- Present

Origin and Cause Investigator, Training Officer, Fire Cause Analysis, Bakersfield, Ca.

2002-2004

Reserve Deputy, Correctional Officer, Inyo County Sheriff's Department, Independence, CA.

1980-2002

Fire Investigator, Fire Fighter, Fire Apparatus Engineer, Fire Prevention Coordinator, Bishop Fire Department, Bishop, CA.

1982-2000

Chimney Sweep - Owner/Operator - Ye Olde Chimney Sweep, Bishop, CA.

Solid Fuel Contractor - Educator of fire prevention safety programs, inspections for real estate and insurance companies. Conducted over 10,000 chimney inspections.

1980-Present

Pyrotechnician, Pyro Spectaculars, Rialto, CA. California State Licensed pyrotechnic operator # 122-02

Professional Certifications

Certified Fire Investigator (California State Fire Marshal) # 092782
Certified Fire Investigator (California Conference of Arson Investigators) # 587
Certified Fire Investigator (International Association of Arson Investigators) # 22-032119
Certified Chimney Sweep (GSCSG) #015
Certified Fireplace Inspector (Fireplace Inspection Research and Education Service) # 110
Certified Solid Fuels Inspector (Independent Safety Commission) #1395
Certified Fireplace Technician (Fireplace Inspection Research and Education Service) # 009
Certified Gas Appliance Technician (Cal Gas)
California Pyrotechnic Operator (California State Fire Marshal) # 1222-02
Fire Fighter I (California State Board of Fire Services) # 1995751

Awards

Firefighter of the Year, Bishop Fire Department 1997

Professional Affiliations

California Conference of Arson Investigators (Round Table Coordinator, Board of Director)
National Association of Fire Investigators
International Association of Arson Investigators
California State Fire Fighters Association (Past Director)
San Bernardino County Fire/Arson Association
Central Valley Arson Fire / Arson Association (Training Committee)
International Association of Fireplace and Chimney Inspectors (Western Director)
Fireplace Investigation & Research Education (Education Development Committee)
Southern California Fraud Investigators Association
National Fire Prevention Association (Member Technical Committee to NFPA 211)
Western States Auto Theft Investigators (Central Valley Chapter)

Professional Licenses

Pyrotechnic Operator #122-02 Office of the State Fire Marshal
Private Investigator #26477 Bureau of Security & Investigative Services