

CURRICULUM VITAE

THOMAS D. KANE FIRE AND EXPLOSION EXPERT

INTRODUCTION:

Thomas Kane specializes in fire cause investigation and consultation. Mr. Kane has over 20 years of law enforcement experience with twelve of those years as an arson detective. Mr. Kane has investigated and determined the cause and origin of over three hundred fires occurring in commercial structures, residential homes, recreational vehicles, automobiles, and wildlands. Mr. Kane has been recognized as an expert witness in both criminal and civil court, in the fields of fire cause and origin, building construction, criminal investigation and issues relating to building safety and security.

FIRE / ARSON EDUCATION:

Mr. Kane has over five hundred hours of classroom and practical instruction in fire dynamics, arson, and general investigations. Classes have included interviews and interrogations, covert surveillance technology, fire science, fire behavior, fire chemistry, hazardous materials, flammable liquids, fire origin and cause determination, electrical fire investigation, explosion scene investigation, and evidence collection and preservation. These are to mention only some of the areas in which formal training has been received.

EDUCATION:

State University of New York, College at Buffalo, Bachelor of Science, Criminal Justice.

City of New York, Police Academy, New York City Police Officer certification.

Suffolk County, New York, Police Academy, New York State Police Officer certification.

Phoenix Regional Police Academy, Arizona Police Officer certification.

International Association of Arson Investigators, Certified Fire Investigator, #28-036.

SEMINARS AND SPECIAL COURSES:

Arizona Department of Public Safety, Advanced Gang Training, June 10, 1997 thru June 12, 1997, 24 hours.

Wicklender-Zulawski & Associates, Interviews and Interrogations February 11, 1998 thru February 13, 1998, 24 hours.

Wicklender-Zulawski & Associates, Advanced Interviews and Interrogations, June 18, 1998 thru June 19, 1998, 16 hours.

United States Department of Justice, Investigative Surveillance Technology, November 9, 1998 thru November 13, 1998, 40 hours.

International Association of Arson Investigators;

Fire / Arson Investigation I, October 23, 2000 thru October 27, 2000, 40 hours.

Fire / Arson Investigation II, April 9, 2001 thru April 13, 2001, 40 hours.

Fire / Arson Investigation III, October 22, 2001 thru October 26, 2001, 40 hours.

Fire / Arson Investigation IV, April 15, 2002 thru April 19, 2002, 40 hours.

Properties of Natural Gas, January 18, 2001, 8 hours.

NFPA 921 Update, August 29, 2001, 8 hours.

Investigations of Electrical and Appliance Related Fires, November 15, 2006 thru November 17, 2006, 24 hours.

Kirk's Fire Investigation, March 28, 2007, 8 hours.

Live Burn Seminar, February 12, 2006 thru February 17, 2006, 20 hours.

Advanced Arson Seminar, July 16, 2001 thru July 18, 2001, 20 hours.

Advanced Arson Seminar, July 15, 2002 thru July 17, 2002, 20 hours.

Advanced Arson Seminar, July 21, 2003 thru July 23, 2003, 20 hours.

Advanced Arson Seminar, July 14, 2004 thru July 16, 2004, 20 hours.

Advanced Arson Seminar, July 25, 2007 thru July 27, 2007, 20 hours.

Advanced Arson Seminar, July 16, 2008 thru July 18, 2008, 20 hours.

NFPA 921 Guide to Fire and Explosion Investigations Update, November 20, 2008, 8hrs.

Maricopa County Attorney's Office;

Criminal Investigations Seminar for Fire Investigators, February 21, 2001 thru February 23, 2001, 24 hours.

Criminal Investigations Seminar for Fire Investigators, February 20, 2002 thru February 22, 2002, 24 hours.

Criminal Investigations Seminar for Fire Investigators, February 19, 2003 thru February 21, 2003, 24 hours.

Criminal Investigations Seminar for Fire Investigators, February 25, 2004 thru February 27, 2004, 24 hours.

Bureau of Alcohol, Tobacco, and Firearms;

ATF Post Blast Investigations, February 6, 2006 thru February 9, 2006, 36 hours.

Public Agency Training Council;
Electrical Fire Investigation, December 3, 2001 thru December 5, 2001, 24 hours.
Bomb Identification, Recognition and Post Blast Investigation, April 14, 2003 thru April 16, 2003, 24 hours.

Arizona Auto Theft Investigator's Association;
Vehicle Arson Investigation, March 11, 2003, 8 hours.

Arizona State Fire Marshall's Office;
Hazardous Materials for the First Responder, July 18, 2001, 8 hours.
Fire Inspector I, September 6, 2007 thru September 9, 2007, 30 hours.

Fire Cause Analysis;
Introduction to Arc Mapping & Large Loss Coordination, 8 hours.
Fire Spread, Gas Appliances, Fair Claims Practices & Case Studies, 8 hours.
NFPA 921 Update, Case Studies & Live Burn Seminar, 8 hours.

PROFESSIONAL AFFILIATIONS:

International Association of Arson Investigators, member since 2002.

International Association of Arson Investigators, Arizona Chapter, member since 2000.

Maricopa County Fire Investigation Task Force, member since 2000

FBI Joint Terrorism Task Force on Arson, formed to apprehend the "Phoenix Mountain Preserve Arsonist," in 2000.

National Association of Bunco Investigators, member since 1999.

Licensed Contractor, Arizona Registrar of Contractors, since 2000.

Licensed Private Investigator, Arizona Department of Public Safety, since 2004.

AWARDS:

Consistently rated a "Quality Performer," the highest rating possible, by superiors at the Scottsdale Police Department.

Recipient of eight "Superior Performance" awards for criminal investigations from Scottsdale P.D.

Awarded the 2004 City Manager's Award for Excellence as a member of the Scottsdale P.D. Property Crimes Unit.

Awarded the 2003 Unit Citation Award as a member of the Scottsdale P.D. Property Crimes Unit.

Recipient, "Meritorious Service Award" from the Suffolk County Police Department.

Recipient of three "Excellent Police Service" awards from Suffolk County P.D.

Recipient of three "Life Saving" awards.

SPEAKING ENGAGEMENTS:

Crime Scene Specialist Academy, Fire Scene Investigation, hosted by the Scottsdale Police Department, July 10, 2003.

Maricopa County Fire Investigation Task Force, Live Burn Exercise, Team Leader, 2/12-2/16/06.

Scottsdale Police Department, School Resource Officer Training, Juvenile Firesetters and Bomb Threats, August 3, 2006.

Arizona State Department of Insurance, Fire Investigations, Phoenix, AZ. April 1, 2008.

Live Burn Exercise, NFPA Updates for the Insurance Industry, Scottsdale, AZ. June 26, 2008.

Hands On Fire Scene Investigation for Scottsdale PD Crime Scene Investigators, July 25, 2008.

EXPERT WITNESS TESTIMONY FOR FIRE/ARSON INVESTIGATIONS:

Maricopa County Superior Court, Criminal Division:

State v. Jason Wadsworth	CR 2001-098077	Guilty, 1 year DOC
State v. Jose Pineda Mendez	CR 2002-099020	Guilty, 3 years DOC
State v. William Miller	CR 2005-140129	Pend, Capital Murder Case
State v. Sharon Ladyka	CR 2006-104835	Guilty, Insanity

State v. Juvenile

Sealed Record

Guilty, Probation

State v. Juvenile

Sealed Record

Guilty, Probation

Maricopa County Superior Court, Civil Division:

Hanover Insurance v. Westworld of Scottsdale

CR 2006-104835

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