



**CURRICULUM VITAE**  
**Duane T. Lemons, CFI**

**Area of Specialization:**

Fire Investigation

**Background and Professional Experience:**

Mr. Duane T. Lemons has been a Fire Investigator for over twenty years. He has served the community of Carson City, Nevada as a Fire Inspector II / Investigator. Mr. Lemons is a Certified Fire Investigator and Evidence Collection Technician through the International Association of Arson Investigators and is also Pro-Board Certified as a fire investigator. In addition, Mr. Lemons is a Certified Fire and Explosion Investigator through the National Association of Fire Investigators and is a Certified Fire Plans Examiner, Building Plans Examiner, and Fire Inspector II through the International Code Council.

Mr. Lemons' certifications include Fire Investigator I, II, & III, Fire Inspector I, II, & III and Plans Examiner from the Nevada State Fire Marshal's office. He also held certificates of registration from the Nevada State Fire Marshal's office for fire sprinklers, fire suppression systems, and was an installer and field serviceman for these systems.

Prior to the fire service, Mr. Lemons earned a Certification of Technology in Heating, Ventilating, and Air Conditioning from Odessa College. Mr. Lemons worked in the HVAC field for several years working on units from small window units to large commercial water chillers and boilers. Mr. Lemons was also a Certified Welder, graduating from Odessa Trade School. He operated a general oil field welding business in the early 1980's until moving into the HVAC trade.

With the work experience Mr. Lemons has acquired in his career, he has a solid background in fire investigation and exceeds the fundamental requirements of NFPA 921 and 1033.

**AREAS OF EXPERTISE**

Arson and Bomb Investigation  
Fire Cause and Origin  
Fire, Life Safety and Codes

Fire Protection Equipment and Service Practices  
Construction Defect (Fire related)

**OFFICES:**

California  
Arizona  
Nevada  
Oregon  
Washington  
N. Dakota

**CORPORATE OFFICE:**

935 PARDEE  
BERKELEY, CA  
94710-2623 USA  
800.726.5939  
www.fcafire.com

## **PROFESSIONAL EXPERIENCE**

2015-Present Fire Cause Analysis, Berkeley, California  
Fire Investigator (Nevada)

2013-Present Terry Taylor Investigations, Minden, Nevada  
Fire Investigator

2000-Present Duane Lemons Code Consulting, Carson City, Nevada  
Code Consultant/Plans Examiner

2001-2012 Carson City Fire Department, Carson City, Nevada  
Fire Inspector II

Carson City Fire Department, Carson City, Nevada  
Fire Inspector

Warren Engine Company # 1, Carson City, Nevada  
Training Officer and Firefighter

Carson City Building and Safety Division, Carson City, Nevada  
Building Inspector

Firemaster, Sparks, Nevada  
Life Safety Technician

Carson City Fire Department, Carson City, Nevada  
Fire Inspector Intern

City of Reno, Reno, Nevada  
Maintenance Worker II

State of Nevada, Carson City, Nevada  
Heating & Air Conditioning Technician

OK Refrigeration, Sparks, Nevada  
Heating & Air Conditioning Technician

Permian General Hospital, Andrews, Texas  
Building Maintenance Engineer

Tomaco Industries, Andrews, Texas  
Salesman

Lemons Heating & Air Conditioning  
Owner, Heating & Air Conditioning Technician

Duane T. Lemons Welding  
Owner and Welder

J T Enterprises, Odessa, Texas  
Welder

Various Construction Companies, Reno Nevada

## **EDUCATION**

Western Nevada Community College, Carson City, Nevada  
Participation in Associates of Applied Science Degree/Fire Science

Truckee Meadows Community College, Reno, Nevada  
Participation in Heating and Air Conditioning Curriculum and Fire Science Classes

Odessa College, Odessa, Texas  
Certificate of Technology, Heating and Air Conditioning

Odessa Trade School, Odessa, Texas  
Certificate of Technology, Welding

## **PROFESSIONAL MEMBERSHIPS**

International Association of Arson Investigators - 20 years  
Nevada Chapter # 43, International Association of Arson Investigators - 20 years  
(Two terms as President, 1st Vice President, 2nd Vice President, Board Member, and Treasurer)

International Association of Fire Fighters

International Fire Code Institute

International Conference of Building Officials

International Code Council

Fire Prevention Association of Nevada

National Association of Fire Investigators

## **EXPERT TESTIMONY**

Qualified as an expert for fire cause and origin in depositions

Qualified as an expert for fire and life safety in Justice Court Districts 1 and 2 in Carson City, Nevada

## **CERTIFICATIONS - FIRE SERVICE**

### **National Fire Academy**

Fire/Arson Investigation – 1997, Tested  
Fire Inspection Principles – 1999, Tested  
Fire Protection; Structures and Systems – 2001, Tested  
Community Risk Issues and Intervention – 2003  
Emergency Response to Terrorism – 1997  
Presenting Effective Public Education Programs – 1994  
Electrical Aspects of Fire Investigations – 2010 Tested  
Commissioning New Occupancies – 2013  
Residential Sprinkler Plan Review - 2012

### **California State Fire Marshal**

Fire Prevention 1-A - 1994, Tested  
Fire Prevention 1-B - 1994, Tested  
Fire Investigation 1-A - 1997, Tested  
Fire Investigation 1-B - 1997, Tested

### **California Division of Forestry**

Wildland Fire Investigation - 1997

### **Nevada State Fire Marshal**

Fire Prevention Officer I – 1994, Tested  
Hazardous Materials Team Member – 1994, Tested  
Fire Service Instructor II – 1998, Tested  
Incident Safety Officer – 1997, Tested  
Basic Wildland Firefighting – 1996, Tested  
Nevada Fire Investigator III  
Fire Inspector I – 2013 Tested  
Fire Inspector II – 2013 Tested  
Fire Inspector III – 2013 Tested  
Plans Examiner – 2013 Tested

### **Nevada Division of Forestry**

P-151 Wildfire Origin and Cause Determination – 2001  
Wildland Arson Investigation – 2000

## **International Association of Arson Investigators**

NFPA 921 Sword and Shield – 1996, Tested  
New Directions in Arson Investigation – 1997, Tested  
Advanced Fire Investigation – 1998, Tested  
Investigation of Electrical Appliance Fires - 1999, Tested  
Advanced Fire Investigation – 2002, Tested  
Advanced Fire Investigation – 2003, Tested  
Natural Gas Related Fires-2004, Tested

Advanced Fire Investigation – 2004, Tested  
Advanced Fire Investigation – 2006, Tested  
Advanced Fire Investigation – 2007, Tested  
Advanced Fire Investigation – 2008, Tested  
Youth Set Fire Investigation – 2008, Tested  
Basic Fire Investigation Train the Trainer – 2009, Tested  
Certified Fire Investigator # 43-018, Tested  
Understanding Fire Through Candles Experiments-2009, Tested  
Fire Investigator Scene Safety- 2009, Tested  
Arc Mapping Basics- 2010, Tested  
Documenting the Event- 2010, Tested  
Uses of Natural Gas and Propane-2010, Tested  
Electrical Safety- November 2010, Tested  
Motive, Means, and Opportunity, August 2011 Tested  
Introduction to Fire Dynamics and Modeling, September 2011, Tested  
Evidence Collection Technician Certificate # 158, April 2014 Tested  
2014 IAAI ITC General Session Examination – June 2014 – Tested  
Physical Evidence at the Fire Scene – January 2014 – Tested  
Introduction to Evidence – January 2014 – Tested  
Ethics and the Fire Investigator – February 2014 – Tested  
DNA – February 2014 – Tested  
NFPA 1033 and Your Career – February 2014 – Tested  
Evidence Examination: What Happens at the Lab? – February 2014 – Tested  
The Practical Application of the Relationship Between NFPA 1033 and 921 – February 2014  
– Tested  
The Scientific Method for Fire and Explosion Investigation – February 2014 – Tested  
Basic Electricity – March 2014 – Tested  
Fatal Fire Investigations – September 2014 – Tested

## **International Fire Code Institute**

Uniform Fire Code Inspector # 0875309-65 – 1994, 1997, 2000, 2003, 2006, 2009 Tested  
Applications of the UBC for Fire Code Enforcement Personnel – 1994  
Overview of the Uniform Fire Code – 1994  
Inspection of Fire Sprinkler Systems – 1994

## **International Conference of Building Officials**

Building Plans Examiner # 0875309-60 – 2000, 2003, 2006, 2009, Tested  
UBC/UFC Plans Review and Inspection – 1994, Tested  
1994 UBC Nonstructural Update – 1995  
1994 Uniform Mechanical Code Update

## **International Code Council**

Building Plans Examiner #0875309-66– 2003, 2006, 2009, Tested  
Fire Inspector II #0875309-67 – 2003, 2006, 2009, Tested  
Fire Plans Examiner #0875309-F3, 2003, 2006, 2009, Tested

## **American Fire Sprinkler Association**

NFPA 13 Installation of Sprinkler Systems – 1997  
Plan Review for Fire Sprinkler and Standpipe Systems – 1997  
Hydraulic Calculation Seminar – 1997  
NFPA 25 Maintenance and Testing of Fire Sprinkler Systems – 1997

## **National Wildfire Coordinating Group**

S- 190 Introduction to Wildland Fire Behavior  
FI-210 Wildland Fire Investigation, Tested  
FI-210 Wildland Fire Investigation Instructor 2009  
FI-210 Wildland Fire Investigation Instructor 2011  
FI-210 Wildland Fire Investigation Instructor 2013

## **National Fire Prevention Association**

Water Supply Analysis and Hydraulic Calculations 2013

## **National Fire Sprinkler Association, Inc.**

Sprinkler Protection for Storage Occupancies – 1998  
Pumps for Fire Protection – 1998

**Fire Prevention Association of Nevada**

Overview of NFPA 750: Water Mist Fire Suppression Systems – June 2013  
Hearth Products - Ignition Source or First Fuel Ignited - October 2016

**Lee S. Cole & Associates, Inc.**

Investigation of Vehicle Fires – 2002

**Regional Public Safety Training Center**

Evidence Collection and Packaging at Arson and Bombing Scenes-2009, Tested  
Advanced Post Blast Analysis and Investigation

**National Board on Fire Service Professional Qualifications**

Fire Investigator-2009  
Fire Investigator – 2014

**National Association of Fire Investigators**

Certified Fire and Explosion Investigator # 16215-8699, Tested

**Fire Cause Analysis**

Asbestos and Lead Awareness - CA September 2016  
Asbestos and Lead Awareness - CA September 2017

Copies of Certificates available upon request.