



Curriculum Vitae

Chad R. Pancoe Gurney, CSFM Fire Investigator I & II

Mr. Pancoe Gurney began his fire service career in 2000. Shortly after going to his first structure fire he was invited back for the investigation. He attended two fire investigations on that day, and began to pursue the fire investigation process. Mr. Pancoe Gurney continued to assist in investigating fires while achieving his formal training at the State of California as well as a certificate of training from the National Fire Academy in Maryland. He became a lead investigator for his department as well as a lead fire investigator for the County Task Force. Mr. Pancoe Gurney developed a fire investigator training program for Arcata Fire Protection District to train new fire investigators. In 2017 Mr. Pancoe Gurney began conducting fire and explosion investigations with Fire Cause Analysis.

Professional Experience

Fire Investigator, Fire Cause Analysis, Berkeley, CA 2017 - present

Fire Apparatus Engineer, Milpitas Fire Department, Milpitas, CA 2021 - 2024

- Driver and Operator - all department apparatus, including Type 1 and 3 engines, aerial truck, and passenger vehicles. Fire suppression and Emergency EMS response.
- Acting Company Officer - shift coverage of captain's role including ICS, formal reports, investigation, leadership and training of on-duty crew.
- Equipment maintenance - duties include responsibility for maintenance of all department hose lines and accessories.

Firefighter, Milpitas Fire Department, Milpitas, CA 2017 - 2021

- Fire suppression and Emergency EMS response.
- Equipment maintenance - duties include responsibility for maintenance of all department hose lines and accessories.

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Firefighter, Driver/Operator, Arcata Fire District, Arcata, CA

2006 - 2017

- Fire/Arson Investigator - conduct fire/arson investigations. Includes a role with the Humboldt County's Fire/Arson Task Force.
- Driver and Operator - all department apparatus, including Type 1 and 3 engines, water tender, aerial truck, and passenger vehicles.
- Acting Company Officer - shift coverage of captain's role including ICS, formal reports, investigation, leadership and training of on-duty crew.
- Communications Operations - duties include radio programming, purchasing and maintenance of all company radios. Responsible for updates, training, and working within the annual budget.
- Equipment maintenance - duties include responsibility for maintenance of all department hose lines and accessories. Annual hose testing with outside company, repair and maintenance of all current stock, responsible for working within an annual budget.

Two-Way Radio Technician, RWS Services, Fortuna, CA

2016 - 2018

- Install, program, sell, maintain, diagnose, and repair Commercial and Public Safety base radios.
- Install and/or remove two-way and public safety radios in vehicles or apparatus.
- Install and/or remove two -way radio base stations and repeaters on mountaintop locations.
- Install two-way radio antennas to radio towers or rooftop locations.

Service Technician/Manager, Central Avenue Service Center, McKinleyville, CA 2008 - 2015

- Management: Leadership of all service technicians, and front office staff. Reporting directly to the business owner. Billing, customer service, front line leader for all complex cases.
- Diagnosis and repair: All gasoline and diesel vehicles including foreign and domestic.

Education

Fire Science Associate's Degree	Columbia Southern University, Orange Beach, AL	2023
PC 832 Arrest	College of the Redwoods, Eureka, CA	2012
Emergency Medical Technician	College of the Redwoods, Eureka, CA	2001

Designations and Certifications

Class A California Driver's License with Firefighter Endorsement

California State Emergency Medical Technician E004413, Expires 08/31/2026

California State Fire Marshal

- Firefighter I 2005
- Firefighter II 2013
- Fire Officer 2013
- Fire Apparatus Driver/Operator 1A: Emergency Vehicle Operations 2013
- Fire Apparatus Driver/Operator 1B: Pump Operations 2013
- Fire Command 1A: Command Principles for Company Officers 2010
- Fire Command 1B: Incident Management for Company Officers 2008
- Fire Command 1C: I-Zone Fire Fighting for Company Officers 2009
- Fire Investigation 1A: Fire Origin and Cause Determination 2008
- Fire Investigation 1B: Techniques of Fire Investigation 2010
- Fire Investigator I 2017
- Fire Investigation 2A 2018
- Fire Investigation 2B 2018
- Fire Investigator II 2018
- Fire Management 1: Management/Supervision for Company Officers 2010
- Fire Prevention 1A: Introduction to the California Fire Code 2011
- Fire Prevention 1B: Inspection of Fire Protection Systems and Special Hazards 2012
- Fire Prevention 1C: Flammable Liquids and Gases 2013
- Training Instructor 1A: Cognitive Lesson Delivery 2009
- Training Instructor 1B: Psychomotor Lesson Delivery 2009
- Training Instructor 1C: Instructional Development Techniques 2009
- Rescue Systems 1: Basic Rescue Skills 2008
- Confined Space Rescue Operations 2007

- Animal Technical Rescue Technician 2017

National Wildfire Coordinating Group

- FI-110: Wildland Fire Observations and Origin Scene Protection 2010
- S190: Introduction to Wildland Fire Behavior 2002
- S290: Intermediate Wildland Fire Behavior 2008
- Ignitions Operations 2009
- S130: Wildland Firefighter Training 2005
- I300 2007
- I400 2007
- ENGB: Wildland Training for Structural Firefighters 2009

International Association of Arson InvestigatorsAAI

- Expert Witness Courtroom Testimony Course 2017

California Specialized Training Institute

- HazMat First Responder Awareness/Operations 2001

California Training Officers

- Company Officer Development 2008
- Building Construction for Today's Fire Service 2008
- First Due: Mission Focused Tactics for First-Due Officers 2008
- The Company Officer: The Missing Link 2008

New Mexico Tech

- Understanding & Planning for School Bomb Incidents 2007

Professional Licenses

- State of California Private Investigator License # PI11582

Professional Associations

- California Conference of Arson Investigators
- National Association of Fire Investigators
- International Association of Fire Investigators

Professional Development

International Association of Arson Investigators, CFITrainier.net:

- Accreditation, Certification, and Certificates 2024
- An Analysis of The Station Nightclub Fire 2010
- Arc Mapping Basics 2010
- Basic Electricity 2014
- Charleston Sofa Super Store Fire 2016
- Critical Thinking Solves Cases 2010
- Discovery in Civil Cases 2024
- Documenting the Event 2010
- Effective Investigation and Testimony 2010
- Electrical Safety 2010
- Ethics and the Fire Investigator 2013
- Evidence Examination: What Happens in the Lab? 2010
- Explosion Dynamics 2010
- Fire Explosion Investigations: Utilizing NFPA 1033 and 921 2010
- Fire Flow Analysis 2021
- Fire Investigation for Fire Officers 2021
- Fire Investigator Scene Safety 2010
- Fire Protection Systems 2014
- Fundamentals of Residential Building Construction 2010
- How First Responders Impact the Fire Investigation 2020
- Insurance and the Fire Investigation 2010

- Introduction to Evidence 2010
- Introduction to Fire Dynamics and Modeling 2010
- Investigating Fatal Fires 2010
- Investigating Motor Vehicle Fires 2010
- Live Event-Examination of Smart Plugs 2024
- MagneTek: A Case Study In The Daubert Challenge 2024
- Managing Complex Fire Scene Investigations 2013
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case 2010
- Physical Evidence at the Fire Scene 2010
- NFPA 921 and 1033 2014 Editions Important Revisions 2017
- Personal Protective Equipment for Post Fire Scenes 2024
- Physical Evidence at the Fire Scene 2010
- Post Flashover Fires 2010
- Preparation for the Marine Fire Scene 2010
- Residential Electrical Systems 2025
- The Deposition: Part I: Format, Content, and Preparation 2017
- The Deposition Part II: Questioning Tactics and Effective Responses 2017
- The Impact of Ventilation in Building Fires on Fire Development 2010
- The Scientific Method for Fire and Explosion Investigation 2010, 2017
- Understanding Fire Through the Candle Experiments 2010
- Understanding the Fire Investigator's Job 2024
- Understanding Undetermined 2024
- Wildland Fires Investigation 2010
- Writing the Initial Origin and Cause Report 2016

National Fire Academy:

- Fire/Arson Origin & Cause Investigations 2011
- Introduction to Wildland & Wildland/Urban Interface Firefighting 2009
- Preparation for Initial Company Operations 2010

California Narcotics Officer Association:

- Butane Honey Oil

2016