



JPRs related to

NFPA 1033

**Standard for Professional Qualifications for Fire Investigator
2022 Edition**



Global Leaders in Fire Investigation®

Following each JPR in this standard that is related to fire investigation, you will find a list of CFITrainer.Net® modules whose content supports that JPR.

4.1.1 Fire Investigator Shall Meet JPRs in 4.2 Through 4.7

- Accreditation, Certification, and Certificates
- Charting Your Career Path In Fire Investigation
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921

4.1.2 Employ Scientific Method

- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Fire Investigation for Fire Officers
- The Scientific Method for Fire and Explosion Investigation
- Understanding Undetermined

4.1.3 Complete Site Safety Assessment & Follow Standards

- Accreditation, Certification, and Certificates
- Alternative Fuel Vehicles
- Electric & Hybrid Vehicle Design Basics
- Electric & Hybrid Vehicle Fires
- Electrical Safety
- Fire Investigation for Fire Officers
- Fire Investigator Scene Safety
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires
- Photovoltaic Cells & Systems
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- Residential Electrical Systems
- Residential Natural Gas Systems



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4.1.4 Maintain Liaison With Other Interested Professionals and Entities

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Fire Investigation for Fire Officers
- Insurance and the Fire Investigation
- Introduction to Youth-Set Fires
- Investigating Fatal Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Investigating Natural Gas Systems
- Legal Aspects of Investigating Youth-Set Fires
- Managing Complex Fire Scene Investigations
- Photovoltaic Cells & Systems
- Preparation for the Marine Fire Scene
- Residential Natural Gas Systems
- Understanding the Fire Investigator's Job: A Guide for Non-Investigators
- What the Insurance Professional Needs to Know About Fire Investigation

4.1.5 Adhere to all Applicable Legal and Regulatory Requirements

- Accreditation, Certification, and Certificates
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Ethical Duties Beyond the Fire Scene
- Ethics & Social Media
- Ethics and the Fire Investigator
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Investigation for Fire Officers
- Insurance and the Fire Investigation
- MagneTek: A Case Study in the Daubert Challenge



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4.1.5 Adhere to all Applicable Legal and Regulatory Requirements (cont.)

- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- Search and Seizure
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921

4.1.6 Understand the Organization and Operation of the Investigative Team Within an IMS

- Fire Investigator Scene Safety
- Preventing Occupational Exposures to Carcinogens at the Fire Scene

4.1.7 (1) Fire Science

- Alternative Fuel Vehicle Fires
- An Analysis of The Station Nightclub Fire
- Fire Chemistry
- Fire Flow Analysis
- Lithium-Ion Battery Fires
- Postflashover Fires
- The Impact of Ventilation in Building Structures on Fire Development
- Thermometry, Heat, and Heat Transfer

4.1.7 (1)(a) and D.1.1 (1) Fire Chemistry

- Fire Chemistry
- Fire Flow Analysis
- Postflashover Fires
- The Impact of Ventilation in Building Structures on Fire Development
- Thermometry, Heat, and Heat Transfer



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4.1.7 (1)(a) and D.1.1 (1) Fire Chemistry (cont.)

- Understanding Fire Through the Candle Experiments

4.1.7 (1)(b) and D.1.1 (2) Thermodynamics

- An Analysis of The Station Nightclub Fire
- Explosion Dynamics
- Fire Chemistry
- Fire Flow Analysis
- Introduction to Appliances
- Postflashover Fires
- The Impact of Ventilation in Building Structures on Fire Development
- Thermometry, Heat, and Heat Transfer

4.1.7 (1)(c) and D.1.1 (3) Fire Dynamics

- Alternative Fuel Vehicle Fires
- Electric & Hybrid Vehicle Fires
- Fire Dynamics Calculations - Version 2.0
- Fire Flow Analysis
- Introduction to Fire Dynamics and Modeling
- Lithium-Ion Battery Fires
- Postflashover Fires
- The Impact of Ventilation in Building Structures on Fire Development
- Thermometry, Heat, and Heat Transfer

4.1.7 (1)(d) and D.1.1 (4) Explosion Dynamics

- Alternative Fuel Vehicle Fires
- Electric & Hybrid Vehicle Fires
- Explosion Dynamics
- Lithium-Ion Battery Fires



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4.1.7 (2) Fire Investigation

- Accreditation, Certification, and Certificates
- Alternative Fuel Vehicles
- An Analysis of The Station Nightclub Fire
- Arc Mapping Basics
- Charting Your Career Path In Fire Investigation
- Electric and Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Emerging Technologies in Fire Investigation
- Ethical Duties Beyond the Fire Scene
- Ethics & Social Media
- Ethics and the Fire Investigator
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Investigation for Fire Officers
- Fire Investigator Scene Safety
- How First Responders Impact the Fire Investigation
- Introduction to Appliances
- Introduction to Youth-Set Fires
- Investigating Fatal Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Investigating Motor Vehicle Fires
- Investigating Natural Gas Systems
- Legal Aspects of Investigating Youth-Set Fires
- Lithium-Ion Battery Fires
- MagneTek: A Case Study in the Daubert Challenge
- Managing Complex Fire Scene Investigations
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
- NFPA 921 and 1033 2014 Editions: Important Revisions



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4.1.7 (2) Fire Investigation (cont.)

- NFPA 1033 and Your Career
- Photovoltaic Cells & Systems
- Preparation for the Marine Fire Scene
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- Process of Elimination
- Search and Seizure
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
- The Scientific Method for Fire and Explosion Investigation
- Understanding the Fire Investigator's Job: A Guide for Non-Investigators
- Understanding Undetermined
- Using Resources to Validate Your Hypothesis
- What the Insurance Professional Needs to Know About Fire Investigation
- Wildland Fires Investigation

4.1.7 (2)(a) and D.1.2 (1) Fire Analysis

- Alternative Fuel Vehicles
- An Analysis of The Station Nightclub Fire
- Arc Mapping Basics
- Charleston Sofa Super Store Fire
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Critical Thinking Solves Cases
- Electric & Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Fire Flow Analysis
- Fire Investigation for Fire Officers
- Introduction to Appliances
- Lithium-Ion Battery Fires



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4.1.7 (2)(a) and D.1.2 (1) Fire Analysis (cont.)

- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
- Process of Elimination
- Understanding Undetermined

4.1.7 (2)(b) and D.1.2 (2) Fire Investigation Methodology

- Alternative Fuel Vehicles
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- DNA
- Documenting the Event
- Effective Investigation and Testimony
- Electric & Hybrid Vehicle Design Basics
- Electric & Hybrid Vehicle Fires
- Emerging Technologies in Fire Investigation
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Investigator Scene Safety
- Fire Protection Systems
- Fundamentals of Interviewing
- How First Responders Impact the Fire Investigation
- Introduction to Appliances
- Introduction to Evidence
- Investigating Natural Gas Systems
- Managing Complex Fire Scene Investigations
- NFPA 921 and 1033 2014 Editions: Important Revisions
- Physical Evidence at the Fire Scene
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- Process of Elimination
- Residential Electrical Systems



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4.1.7 (2)(b) and D.1.2 (2) Fire Investigation Methodology (cont.)

- Residential Natural Gas Systems
- Search and Seizure
- Understanding Undetermined
- The Scientific Method for Fire and Explosion Investigation
- Vacant and Abandoned Buildings: Hazards and Solutions
- Writing the Initial Origin and Cause Report

4.1.7 (2)(c) and D.1.2 (3) Fire Investigation Technology

- Alternative Fuel Vehicles
- Arc Mapping Basics
- Digital Photography and the Fire Investigator
- DNA
- Electric & Hybrid Vehicle Design Basics
- Electric & Hybrid Vehicle Fires
- Emerging Technologies in Fire Investigation
- Evidence Examination: What Happens at the Lab?
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- The Potential Value of Electronic Evidence in Fire Investigations

4.1.7 (2)(d) and D.1.2 (4) Evidence Documentation, Collection, and Preservation

- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- DNA
- Documenting the Event
- Emerging Technologies in Fire Investigation
- Evidence Examination: What Happens at the Lab?
- How First Responders Impact the Fire Investigation
- Intro to Appliances
- Introduction to Evidence



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4.1.7 (2)(d) and D.1.2 (4) Evidence Documentation, Collection, and Preservation (cont.)

- Photovoltaic Cells & Systems
- Physical Evidence at the Fire Scene
- Search and Seizure
- The Potential Value of Electronic Evidence in Fire Investigations

4.1.7 (2)(e) and D.1.2 (5) Failure Analysis and Analytical Tools

- Alternative Fuel Vehicles
- An Analysis of The Station Nightclub Fire
- Arc Mapping Basics
- Charleston Sofa Super Store Fire
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Electric & Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Intro to Appliances
- Introduction to Fire Dynamics and Modeling
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires
- Photovoltaic Cells & Systems
- Residential Electrical Systems

4.1.7 (3) Fire Scene Safety

- Alternative Fuel Vehicles
- Electric & Hybrid Vehicle Fires
- Electrical Safety
- Fire Investigator Scene Safety
- The HAZWOPER Standard
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires



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• 4.1.7 (3) Fire Scene Safety (cont.)

- Photovoltaic Cells & Systems
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- Residential Electrical Systems
- Residential Natural Gas Systems
- Vacant and Abandoned Buildings: Hazards and Solutions

4.1.7 (3)(a) and D 1.3 (1) Hazard Recognition, Evaluation, and Basic Mitigation Procedures

- Alternative Fuel Vehicles
- Electric & Hybrid Vehicle Fires
- Electrical Safety
- Fire Investigator Scene Safety
- The HAZWOPER Standard
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires
- Photovoltaic Cells & Systems
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- Residential Electrical Systems
- Residential Natural Gas Systems
- Vacant and Abandoned Buildings: Hazards and Solutions

4.1.7 (3)(b) and D.1.3 (2) Hazardous Materials

- Alternative Fuel Vehicles
- Electric & Hybrid Vehicle Fires
- Physical Evidence at the Fire Scene
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- The HAZWOPER Standard



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4.1.7 (3)(c) and D 1.3 (3) Safety Regulations

- Alternative Fuel Vehicles
- Electric & Hybrid Vehicle Fires
- Electrical Safety
- Fire Investigator Scene Safety
- The HAZWOPER Standard
- Lithium-Ion Battery Fires
- Photovoltaic Cells & Systems
- Preparation for the Marine Fire Scene
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- Residential Electrical Systems
- Residential Natural Gas Systems

4.1.7 (4) Building Systems

- Arc Mapping
- Critical Evaluation and Testing of Common Accidental Causes
- Electrical Safety
- Fire Protection Systems
- Fundamentals of Residential Building Construction
- The Impact of Ventilation in Building Structures on Fire Development
- Introduction to Appliances
- Investigating Natural Gas Systems
- Photovoltaic Cells & Systems
- Residential Electrical Systems
- Residential Natural Gas Systems
- Vacant and Abandoned Buildings: Hazards and Solutions

4.1.7 (4)(a) and D 1.4 (1) Types of Construction

- An Analysis of The Station Nightclub Fire
- Charleston Sofa Super Store Fire



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4.1.7 (4)(a) and D 1.4 (1) Types of Construction (cont.)

- Fire Flow Analysis
- Fire Protection Systems
- Fundamentals of Residential Building Construction
- The Impact of Ventilation in Building Structures on Fire Development
- Investigating Natural Gas Systems
- Photovoltaic Cells & Systems
- Postflashover Fires
- Residential Electrical Systems
- Residential Natural Gas Systems

4.1.7 (4)(b) and D.1.4 (2) Fire Protection Systems

- Alternative Fuel Vehicles
- Fire Protection Systems

4.1.7 (4)(c) and D.1.4 (3) Electricity and Electrical Systems

- Alternative Fuel Vehicles
- Arc Mapping Basics
- Basic Electricity
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Electric and Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Electrical Safety
- Intro to Appliances
- Lithium-Ion Battery Fires
- Photovoltaic Cells & Systems
- Residential Electrical Systems



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4.1.7 (4)(d) and D 1.4 (4) Fuel Gas Systems

- Alternative Fuel Vehicles
- Explosion Dynamics
- Introduction to Appliances
- Investigating Natural Gas Systems
- Residential Natural Gas Systems

4.1.7.1 Remaining Current in JPR “Requisite Knowledge” and 4.1.7 Topics

4.1.7.2 Remaining Current through Courses and Publications

4.1.7.3 Completing and Documenting Minimum 40 Continuing Education Hours Every Five Years

- Accreditation, Certification, and Certificates
- Charting Your Career Path In Fire Investigation
- Fire Investigation for Fire Officers
- NFPA 1033 and Your Career

4.2.1 Secure the Fire Ground

- Fire Investigation for Fire Officers
- Fire Investigator Scene Safety
- Preventing Occupational Exposures to Carcinogens at the Fire Scene

4.2.2 Conduct an Exterior Survey

- Alternative Fuel Vehicles
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Digital Photography and the Fire Investigator
- Documenting the Event
- Electric & Hybrid Vehicle Design Basics
- Electric & Hybrid Vehicle Fires
- Electrical Safety
- Explosion Dynamics



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4.2.2 Conduct an Exterior Survey (cont.)

- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Chemistry
- Fire Investigator Scene Safety
- Fire Flow Analysis
- Fire Investigation for Fire Officers
- Fire Protection Systems
- Fundamentals of Residential Building Construction
- Introduction to Fire Dynamics and Modeling
- Investigating Fatal Fires
- Investigating Motor Vehicle Fires
- Investigating Natural Gas Systems
- Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems
- Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems
- NFPA 921 and 1033 2014 Editions: Important Revisions
- Photovoltaic Cells & Systems
- Physical Evidence at the Fire Scene
- Preparation for the Marine Fire Scene
- Residential Electrical Systems
- Residential Natural Gas Systems
- The Impact of Ventilation in Building Structures on Fire Development
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
- The Scientific Method for Fire and Explosion Investigation
- Thermometry, Heat, and Heat Transfer
- Wildland Fires Investigation



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4.2.3 Conduct an Interior Survey

- Alternative Fuel Vehicles
- Arc Mapping Basics
- Basic Electricity
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Digital Photography and the Fire Investigator
- Documenting the Event
- Electric & Hybrid Vehicle Design Basics
- Electric & Hybrid Vehicle Fires
- Electrical Safety
- Explosion Dynamics
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Chemistry
- Fire Flow Analysis
- Fire Investigator Scene Safety
- Fire Protection Systems
- Fundamentals of Residential Building Construction
- Introduction to Fire Dynamics and Modeling
- Investigating Fatal Fires
- Investigating Motor Vehicle Fires
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires
- Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems
- Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems
- NFPA 921 and 1033 2014 Editions: Important Revisions
- Physical Evidence at the Fire Scene
- Postflashover Fires
- Preparation for the Marine Fire Scene



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4.2.3 Conduct an Interior Survey (cont.)

- Residential Electrical Systems
- Residential Natural Gas Systems
- Search and Seizure
- The Impact of Ventilation in Building Structures on Fire Development
- The Potential Value of Electronic Evidence in Fire Investigations
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
- The Scientific Method for Fire and Explosion Investigation
- Thermometry, Heat, and Heat Transfer

4.2.4 Interpret Fire Patterns Individually

- An Analysis of The Station Nightclub Fire
- Charleston Sofa Super Store Fire
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Explosion Dynamics
- Fire Chemistry
- Fire Flow Analysis
- Fundamentals of Residential Building Construction
- Intro to Appliances
- Introduction to Fire Dynamics and Modeling
- Investigating Motor Vehicle Fires
- Investigating Natural Gas Systems
- NFPA 921 and 1033 2014 Editions: Important Revisions
- Photovoltaic Cells & Systems
- Physical Evidence at the Fire Scene
- Postflashover Fires
- Process of Elimination
- The Impact of Ventilation in Building Structures on Fire Development



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4.2.4 Interpret Fire Patterns Individually (cont.)

- The Scientific Method for Fire and Explosion Investigation
- Thermometry, Heat, and Heat Transfer
- Understanding Fire Through the Candle Experiments
- Using Resources to Validate Your Hypothesis
- Wildland Fires Investigation

4.2.5 Interpret and Analyze Fire Patterns Collectively

- Alternative Fuel Vehicles
- An Analysis of The Station Nightclub Fire
- Charleston Sofa Super Store Fire
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Electric & Hybrid Vehicle Fires
- Explosion Dynamics
- Fire Chemistry
- Fundamentals of Residential Building Construction
- Intro to Appliances
- Introduction to Fire Dynamics and Modeling
- Investigating Motor Vehicle Fires
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires
- NFPA 921 and 1033 2014 Editions: Important Revisions
- Photovoltaic Cells & Systems
- Physical Evidence at the Fire Scene
- Postflashover Fires
- Process of Elimination
- The Impact of Ventilation in Building Structures on Fire Development
- The Scientific Method for Fire and Explosion Investigation



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4.2.5 Interpret and Analyze Fire Patterns Collectively (cont.)

- Thermometry, Heat, and Heat Transfer
- Understanding Fire Through the Candle Experiments
- Using Resources to Validate Your Hypothesis
- Wildland Fires Investigation

4.2.6 Examine and Remove Fire Debris

- Arc Mapping Basics
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Evidence Examination: What Happens at the Lab?
- Intro to Appliances
- Introduction to Evidence
- Physical Evidence at the Fire Scene
- Postflashover Fires
- Process of Elimination
- The Impact of Ventilation in Building Structures on Fire Development
- The Potential Value of Electronic Evidence in Fire Investigations
- Understanding Undetermined
- Wildland Fires Investigation

4.2.7 Reconstruct Potential Area(s) of Origin

- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Documenting the Event
- Explosion Dynamics
- Fire Chemistry
- Fire Flow Analysis
- Fundamentals of Residential Building Construction
- Intro to Appliances
- Physical Evidence at the Fire Scene



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4.2.7 Reconstruct Potential Area(s) of Origin (cont.)

- Postflashover Fires
- The Impact of Ventilation in Building Structures on Fire Development
- Thermometry, Heat, and Heat Transfer
- Using Resources to Validate Your Hypothesis

4.2.8 Inspect and Analyze the Performance of Building Systems

- Arc Mapping Basics
- Basic Electricity
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Fire Protection Systems
- Fundamentals of Residential Building Construction
- Intro to Appliances
- Investigating Natural Gas Systems
- Photovoltaic Cells & Systems
- Residential Electrical Systems
- Residential Natural Gas Systems
- Using Resources to Validate Your Hypothesis
- Vacant and Abandoned Buildings: Hazards and Solutions

4.2.9 Discriminate the Effects of Explosions

- Alternative Fuel Vehicles
- Electric and Hybrid Vehicle Fires
- Explosion Dynamics
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires



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4.3.1 Diagram the Scene

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event
- Emerging Technologies in Fire Investigation

4.3.2 Photographically Document the Scene

- Digital Photography and the Fire Investigator
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event
- Emerging Technologies in Fire Investigation

4.3.3 Construct Investigative Notes

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event
- Emerging Technologies in Fire Investigation
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- Writing the Initial Origin and Cause Report

4.4.1 Utilize Proper Procedures for Managing Victims and Fatalities

- Evidence Examination: What Happens at the Lab?
- Introduction to Evidence
- Investigating Fatal Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Physical Evidence at the Fire Scene



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4.4.2 Locate, Document, Collect, Label, Package, and Store Evidence

- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Digital Photography and the Fire Investigator
- Discovery in Civil Cases
- Discovery in Criminal Cases
- DNA
- Documenting the Event
- Emerging Technologies in Fire Investigation
- Evidence Examination: What Happens at the Lab?
- Introduction to Evidence
- Investigating Fatal Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Lithium-Ion Battery Fires
- Photovoltaic Cells & Systems
- Physical Evidence at the Fire Scene
- Search and Seizure
- The Potential Value of Electronic Evidence in Fire Investigations

4.4.3 Select Evidence for Analysis

- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Discovery in Civil Cases
- Discovery in Criminal Cases
- DNA
- Documenting the Event
- Evidence Examination: What Happens at the Lab?
- Introduction to Evidence
- Investigating Fatal Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death



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4.4.3 Select Evidence for Analysis (cont.)

- Physical Evidence at the Fire Scene
- Process of Elimination
- Search and Seizure
- The Potential Value of Electronic Evidence in Fire Investigations

4.4.4 Maintain a Chain of Custody

- Discovery in Civil Cases
- Discovery in Criminal Cases
- DNA
- Documenting the Event
- Evidence Examination: What Happens at the Lab?
- Introduction to Evidence
- Investigating Fatal Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Physical Evidence at the Fire Scene
- Search and Seizure
- The Potential Value of Electronic Evidence in Fire Investigations

4.4.5 Dispose of Evidence

- Discovery in Civil Cases
- Discovery in Criminal Cases
- DNA
- Documenting the Event
- Evidence Examination: What Happens at the Lab?
- Introduction to Evidence
- Investigating Fatal Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Physical Evidence at the Fire Scene



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4.4.5 Dispose of Evidence (cont.)

- Search and Seizure
- The Potential Value of Electronic Evidence in Fire Investigations

4.5.1 Develop an Interview Plan

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Fundamentals of Interviewing
- Insurance and the Fire Investigation
- Introduction to Youth-Set Fires
- Legal Aspects of Investigating Youth-Set Fires
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case

4.5.2 Conduct Interviews

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Fundamentals of Interviewing
- Insurance and the Fire Investigation
- Introduction to Youth-Set Fires
- Legal Aspects of Investigating Youth-Set Fires
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case

4.5.3 Evaluate Interview Information, Analyze, Correlate, and Corroborate

- Critical Thinking Solves Cases
- Fundamentals of Interviewing
- Insurance and the Fire Investigation
- Introduction to Youth-Set Fires
- Legal Aspects of Investigating Youth-Set Fires
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case



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4.5.3 Evaluate Interview Information, Analyze, Correlate, and Corroborate (cont.)

- Process of Elimination

4.6.1 Gather Reports and Records, Maintain Admissibility in Court

- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Effective Investigation and Testimony
- Ethical Duties Beyond the Fire Scene
- Evidence Examination: What Happens at the Lab?
- Insurance and the Fire Investigation
- Introduction to Youth-Set Fires
- Legal Aspects of Investigating Youth-Set Fires
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
- Physical Evidence at the Fire Scene
- Search and Seizure
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- The Potential Value of Electronic Evidence in Fire Investigations
- The Scientific Method for Fire and Explosion Investigation

4.6.2 Evaluate the Investigative File

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Effective Investigation and Testimony
- Insurance and the Fire Investigation
- Writing the Initial Origin and Cause Report



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4.6.3 Coordinate Expert Resources

- Alternative Fuel Vehicles
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Electric & Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Insurance and the Fire Investigation
- Intro to Appliances
- Introduction to Fire Dynamics and Modeling
- Investigating Fatal Fires
- Investigating Motor Vehicle Fires
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires
- MagneTek: A Case Study in the Daubert Challenge
- Managing Complex Fire Investigations
- Photovoltaic Cells & Systems
- Residential Electrical Systems
- Residential Natural Gas Systems
- Understanding the Fire Investigator's Job: A Guide for Non-Investigators
- Using Resources to Validate Your Hypothesis
- What the Insurance Professional Needs to Know About Fire Investigation
- Writing the Initial Origin and Cause Report

4.6.4 Establish Evidence as to Motive and/or Opportunity, Given an Incendiary Fire

- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
- Writing the Initial Origin and Cause Report



Following each JPR in this standard that is related to fire investigation, you will find a list of CFITrainer.Net® modules whose content supports that JPR.

4.6.5 Formulate an Opinion Concerning Origin, Cause, or Responsibility for a Fire

- Alternative Fuel Vehicles
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Critical Thinking Solves Cases
- Electric & Hybrid Vehicle Fires
- Fire Investigation for Fire Officers
- Introduction to Appliances
- Lithium-Ion Battery Fires
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
- Photovoltaic Cells & Systems
- Process of Elimination
- The Scientific Method for Fire and Explosion Investigation
- Thermometry, Heat, and Heat Transfer
- Understanding Undetermined
- Using Resources to Validate Your Hypothesis
- Writing the Initial Origin and Cause Report

4.7.1 Prepare a Written Report

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Understanding Undetermined
- Writing the Initial Origin and Cause Report

4.7.2 Express Investigative Findings Verbally

- Critical Thinking Solves Cases
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Effective Investigation and Testimony
- MagneTek: A Case Study in the Daubert Challenge



Following each JPR in this standard that is related to fire investigation, you will find a list of CFITrainer.Net® modules whose content supports that JPR.

4.7.2 Express Investigative Findings Verbally (cont.)

- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- Writing the Initial Origin and Cause Report

4.7.3 Testify During Legal Proceedings

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Effective Investigation and Testimony
- MagneTek: A Case Study in the Daubert Challenge
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- Writing the Initial Origin and Cause Report

