JPRs related to

NFPA 1033
Standard for Professional Qualifications for Fire Investigator
2014 Edition
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.

1.3.7

(1) Fire Science
- An Analysis of The Station Nightclub Fire
- Fire Chemistry
- Fire Flow Analysis
- Postflashover Fires
- The Impact of Ventilation in Building Structures on Fire Development
- Thermometry, Heat, and Heat Transfer

(2) Fire Chemistry
- Fire Chemistry
- Fire Flow Analysis
- Postflashover Fires
- The Impact of Ventilation in Building Structures on Fire Development
- Thermometry, Heat, and Heat Transfer
- Understanding Fire Through the Candle Experiments

(3) Thermodynamics
- An Analysis of The Station Nightclub Fire
- Explosion Dynamics
- 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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1.3.7

(4) Thermometry
- Thermometry, Heat, and Heat Transfer

(5) Fire Dynamics
- Fire Dynamics Calculations - Version 2.0
- Fire Flow Analysis
- Introduction to Fire Dynamics and Modeling
- Postflashover Fires
- The Impact of Ventilation in Building Structures on Fire Development
- Thermometry, Heat, and Heat Transfer

(6) Explosion Dynamics
- Explosion Dynamics

(7) Computer Fire Modeling
- An Analysis of The Station Nightclub Fire
- Charleston Sofa Super Store Fire
- Introduction to Fire Dynamics and Modeling

(8) Fire Investigation
- Accreditation, Certification, and Certificates
- An Analysis of The Station Nightclub Fire
- Arc Mapping Basics
- Ethics and the Fire Investigator
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Investigation for Company Officers
- Fire Investigator Scene Safety
- How First Responders Impact the Fire Investigation
- Introduction to Youth-Set Fires
- Investigating Fatal Fires
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.

1.3.7

(8) Fire Investigation (continued)

• Charting Your Career Path In Fire Investigation
• 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
• 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
• NFPA 1033 and Your Career
• Preparation for the Marine 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

(9) Fire Analysis

• An Analysis of The Station Nightclub Fire
• Arc Mapping Basics
• Charleston Sofa Super Store Fire
• Critical Thinking Solves Cases
NFPA 1033: Standard for Professional Qualifications for Fire Investigator
2014 Edition

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1.3.7

(9) Fire Analysis (continued)

• Fire Flow Analysis
• Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
• Process of Elimination
• The Usual Suspects: A Closer Look At Common Accidental Causes
• Understanding “Undetermined”

(10) Fire Investigation Methodology

• DNA
• Documenting the Event
• Effective Investigation and Testimony
• 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 Evidence
• Investigating Natural Gas Systems
• Managing Complex Fire Scene Investigations
• NFPA 921 and 1033 2014 Editions: Important Revisions
• Physical Evidence at the Fire Scene
• Process of Elimination
• Residential Electrical Systems
• Residential Natural Gas Systems
• Search and Seizure
• The Scientific Method for Fire and Explosion Investigation
• Vacant and Abandoned Buildings: Hazards and Solutions
• 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.

1.3.7

(11) Fire Investigation Technology
- Arc Mapping Basics
- Digital Photography and the Fire Investigator
- DNA
- Evidence Examination: What Happens at the Lab?
- The Potential Value of Electronic Evidence in Fire Investigations

(12) Hazardous Materials
- Physical Evidence at the Fire Scene
- The HAZWOPER Standard

(13) Failure Analysis and Analytical Tools
- Arc Mapping Basics
- Intro to Appliances
- Investigating Natural Gas Systems
- Residential Electrical Systems

(14) Fire Protection Systems
- Fire Protection Systems

(15) Evidence Documentation, Collection, and Preservation
- DNA
- Documenting the Event
- Evidence Examination: What Happens at the Lab?
- How First Responders Impact the Fire Investigation
- Intro to Appliances
- Introduction to Evidence
- Physical Evidence at the Fire Scene
- Search and Seizure
- The Potential Value of Electronic Evidence in Fire Investigations
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.

1.3.7

(16) Electricity and Electrical Systems

- Arc Mapping Basics
- Basic Electricity
- Electrical Safety
- Intro to Appliances
- Residential Electrical Systems
- The Usual Suspects: A Closer Look At Common Accidental Causes

1.3.8 Remaining Current on 1.3.7

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

4.1.1 Fire Investigator Shall Meet JPRs in 4.2 Through 4.7

- Accreditation, Certification, and Certificates
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- 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

- The Scientific Method for Fire and Explosion Investigation

4.1.3 Complete Site Safety Assessment & Follow Standards

- Accreditation, Certification, and Certificates
- Electrical Safety
- Fire Investigator Scene Safety
- Investigating Natural Gas Systems
- Residential Electrical Systems
- Residential Natural Gas Systems
NFPA 1033: Standard for Professional Qualifications for Fire Investigator
2014 Edition

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.

4.1.4 Maintain Liaison With Other Interested Parties

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Fire Investigation for Company 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
- 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
- Ethics and the Fire Investigator
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Insurance and the Fire Investigation
- MagneTek: A Case Study in the Daubert Challenge
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- 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
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.

### 4.1.6 Understand the Organization and Operation of the Investigative Team Within an IMS
- Fire Investigator Scene Safety

### 4.2.1 Secure the Fire Ground
- Fire Investigator Scene Safety

### 4.2.2 Conduct an Exterior Survey
- Digital Photography and the Fire Investigator
- Documenting the Event
- Electrical Safety
- Explosion Dynamics
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Chemistry
- 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
- 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
- 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
NFPA 1033: Standard for Professional Qualifications for Fire Investigator
2014 Edition

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4.2.2 Conduct an Exterior Survey (continued)

- Thermometry, Heat, and Heat Transfer
- Wildland Fires Investigation
- Fire Flow Analysis
- The Usual Suspects: A Closer Look at Common Accidental Causes

4.2.3 Conduct an Interior Survey

- Arc Mapping Basics
- Basic Electricity
- Digital Photography and the Fire Investigator
- Documenting the Event
- 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
- 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
- Residential Electrical Systems
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.

4.2.3 Conduct an Interior Survey (continued)

- 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
- The Usual Suspects: A Closer Look At Common Accidental Causes
- Thermometry, Heat, and Heat Transfer

4.2.4 Interpret Fire Patterns Individually

- An Analysis of The Station Nightclub Fire
- Charleston Sofa Super Store Fire
- 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
- Physical Evidence at the Fire Scene
- Postflashover Fires
- Process of Elimination
- The Impact of Ventilation in Building Structures on Fire Development
- The Usual Suspects: A Closer Look At Common Accidental Causes
- The Scientific Method for Fire and Explosion 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.

4.2.4 Interpret Fire Patterns Individually (continued)

- 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

- An Analysis of The Station Nightclub Fire
- Charleston Sofa Super Store Fire
- 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
- NFPA 921 and 1033 2014 Editions: Important Revisions
- 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
- Thermometry, Heat, and Heat Transfer
- Understanding Fire Through the Candle Experiments
- Using Resources to Validate Your Hypothesis
- Wildland Fires 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.

4.2.6 Examine and Remove Fire Debris

• Arc Mapping Basics
• 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
• The Usual Suspects: A Closer Look At Common Accidental Causes
• Understanding “Undetermined”
• Wildland Fires Investigation

4.2.7 Reconstruct the Area of Origin

• Documenting the Event
• Explosion Dynamics
• Fire Chemistry
• Fire Flow Analysis
• Fundamentals of Residential Building Construction
• Intro to Appliances
• Physical Evidence at the Fire Scene
• Postflashover Fires
• The Impact of Ventilation in Building Structures on Fire Development
• The Usual Suspects: A Closer Look At Common Accidental Causes
• Thermometry, Heat, and Heat Transfer
• Using Resources to Validate Your Hypothesis
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.

4.2.8 Inspect the Performance of Building Systems

- Arc Mapping Basics
- Basic Electricity
- Fire Protection Systems
- Fundamentals of Residential Building Construction
- Intro to Appliances
- Investigating Natural Gas 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

- Explosion Dynamics
- Investigating Natural Gas Systems

4.3.1 Diagram the Scene

- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event

4.3.2 Photographically Document the Scene

- Digital Photography and the Fire Investigator
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event
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.

4.3.3 Construct Investigative Notes
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event
- 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

4.4.2 Locate, Document, Collect, Label, Package, and Store Evidence
- Digital Photography and the Fire Investigator
- 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
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.

4.4.3 Select Evidence for Analysis

- 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
- 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
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.

4.4.5 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
- 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
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.

4.5.3 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
• Process of Elimination

4.6.1 Gather Reports and Records, Maintain Admissibility in Court

• Discovery in Civil Cases
• Discovery in Criminal Cases
• Effective Investigation and Testimony
• 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
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.

4.6.2 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

4.6.3 Coordinate Expert Resources
- Discovery in Civil Cases
- Discovery in Criminal Cases
- 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
- MagneTek: A Case Study in the Daubert Challenge
- Managing Complex Fire Investigations
- 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.

### 4.7.1 Prepare a Written Report
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Writing the Initial Origin and Cause Report
- Understanding “Undetermined”

### 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
- 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