



**JPRs related to**

**NFPA 1037**

**Standard on Fire Marshal Professional Qualifications  
2016 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.**

### **4.2.2 Establish Personnel Assignments to Maximize Efficiency**

- Accreditation, Certification, and Certificates
- Charting Your Career Path In Fire Investigation
- Fire Investigation for Fire Officers
- How First Responders Impact the Fire Investigation
- Introduction to Youth-Set Fires
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- Understanding the Fire Investigator's Job: A Guide for Non-Investigators

### **4.2.3 Establish a Strategic and Operational Plan**

- Accreditation, Certification, and Certificates
- Ethical Duties Beyond the Fire Scene
- Ethics & Social Media
- Ethics and the Fire Investigator
- Fire Investigation for Fire Officers
- Fire Investigator Scene Safety
- How First Responders Impact the Fire Investigation
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Investigating Motor Vehicle Fires
- Legal Aspects of Investigating Youth-Set Fires
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- Search and Seizure
- The Scientific Method for Fire and Explosion Investigation
- Understanding the Fire Investigator's Job: A Guide for Non-Investigators
- Vacant and Abandoned Buildings: Hazards and Solutions
- Wildland Fires Investigation
- Understanding "Undetermined"



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### **4.3.2 Evaluate Target Risks and Emergency Incident Data**

- Alternative Fuel Vehicle Fires
- An Analysis of The Station Nightclub Fire
- Charleston Sofa Super Store Fire
- Electric and Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Fire Investigation for Fire Officers
- Fire Protection Systems
- Introduction to Youth-Set Fires
- Legal Aspects of Investigating Youth-Set Fires
- Lithium-Ion Battery Fires
- Photovoltaic Cells and Systems
- Vacant and Abandoned Buildings: Hazards and Solutions
- Wildland Fires Investigation

### **4.4.3 Create Media Communication Strategies and Policies**

- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Managing Complex Fire Scene Investigations

### **4.5.1 Training and Professional Development Principles, Guides, and Standards**

- Accreditation, Certification, and Certificates
- Charting Your Career Path 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
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- The HAZWOPER Standard



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### **4.5.1 Training and Professional Development Principles, Guides, and Standards (cont.)**

- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- The Scientific Method for Fire and Explosion Investigation

### **4.5.2 Identify and Prioritize Professional Development Needs for the Department**

- Accreditation, Certification, and Certificates
- Charting Your Career Path 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
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- The HAZWOPER Standard
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
- The Scientific Method for Fire and Explosion Investigation

### **4.5.3 Prescribe Professional Development Programs**

- Accreditation, Certification, and Certificates
- Charting Your Career Path 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
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career



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### **4.5.3 Prescribe Professional Development Programs (cont.)**

- The HAZWOPER Standard
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
- The Scientific Method for Fire and Explosion Investigation

### **4.5.4 Implement Professional Development Programs**

- Accreditation, Certification, and Certificates
- Charting Your Career Path 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
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- The HAZWOPER Standard
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
- The Scientific Method for Fire and Explosion Investigation

### **4.5.5 Evaluate Organizational Professional Development Programs**

- Accreditation, Certification, and Certificates
- Charting Your Career Path 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
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- The HAZWOPER Standard



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### **4.5.5 Evaluate Organizational Professional Development Programs (cont.)**

- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921
- The Scientific Method for Fire and Explosion Investigation

### **5.2.12 Manage a Program to Coordinate With Other Agencies**

- Alternative Fuel Vehicle Fires
- Electric and Hybrid Vehicle Fires
- 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
- Search and Seizure

### **5.3.2 Manage a Comprehensive Fire and Life Safety Education Strategy**

- An Analysis of The Station Nightclub Fire
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Electrical Safety
- Fire Investigation for Fire Officers
- Fire Investigator Scene Safety
- Introduction to Youth-Set Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Legal Aspects of Investigating Youth-Set Fires
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- Residential Electrical Systems
- Residential Natural Gas Systems
- The HAZWOPER Standard
- Vacant and Abandoned Buildings: Hazards and Solutions
- Wildland Fires Investigation



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### **5.3.3 Create a Collaborative Fire and Life Safety Education Partnership**

- Alternative Fuel Vehicle Fires
- An Analysis of The Station Nightclub Fire
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Electric and Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Electrical Safety
- Fire Investigation for Fire Officers
- Fire Investigator Scene Safety
- Introduction to Youth-Set Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Legal Aspects of Investigating Youth-Set Fires
- Lithium-Ion Battery Fires
- Photovoltaic Cells & Systems
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- Residential Electrical Systems
- Residential Natural Gas Systems
- The HAZWOPER Standard
- Vacant and Abandoned Buildings: Hazards and Solutions
- Wildland Fires Investigation

### **5.3.7 Implement a Comprehensive Fire and Life Safety Program**

- Alternative Fuel Vehicle Fires
- An Analysis of The Station Nightclub Fire
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Electric and Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Electrical Safety



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### **5.3.7 Implement a Comprehensive Fire and Life Safety Program (cont.)**

- Fire Investigation for Fire Officers
- Fire Investigator Scene Safety
- Introduction to Youth-Set Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death
- Legal Aspects of Investigating Youth-Set Fires
- Lithium-Ion Battery Fires
- Photovoltaic Cells & Systems
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- Residential Electrical Systems
- Residential Natural Gas Systems
- The HAZWOPER Standard
- Vacant and Abandoned Buildings: Hazards and Solutions
- Wildland Fires Investigation

### **5.4.1 Codes, Standards and Jurisdictional Requirements**

- Accreditation, Certification, and Certificates
- Charting Your Career Path In Fire Investigation
- Documenting the Event
- Ethical Duties Beyond the Fire Scene
- Ethics & Social Media
- Ethics and the Fire Investigator
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Investigator Scene Safety
- NFPA 921 and 1033 2014 Editions: Important Revisions
- NFPA 1033 and Your Career
- Search and Seizure
- The Deposition Part 1: Format, Content, and Preparation





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### **5.4.1 Codes, Standards and Jurisdictional Requirements (cont.)**

- The Deposition Part 2: Questioning Tactics and Effective Responses
- The HAZWOPER Standard
- 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
- Writing the Initial Origin and Cause Report

### **5.4.2 Administer Applicable Codes, Standards, & Jurisdictional Requirements for Investigations**

- Accreditation, Certification, and Certificates
- Charting Your Career Path In Fire Investigation
- Documenting the Event
- Ethical Duties Beyond the Fire Scene
- Ethics & Social Media
- Ethics and the Fire Investigator
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Investigator Scene Safety
- NFPA 1033 and Your Career
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- Search and Seizure
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- The HAZWOPER Standard
- 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
- Writing the Initial Origin and Cause Report



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### **5.4.3 Review and Assess Investigation Reports**

- Alternative Fuel Vehicle Fires
- Arc Mapping Basics
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Digital Photography and the Fire Investigator
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event
- Effective Investigation and Testimony
- Electric and Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Emerging Technologies in Fire Investigation
- Fire Flow Analysis
- Evidence Examination: What Happens at the Lab?
- Fundamentals of Interviewing
- Insurance and the Fire Investigation
- Introduction to Evidence
- Introduction to Youth-Set Fires
- Legal Aspects of Investigating Youth-Set Fires
- Lithium-Ion Battery Fires
- MagneTek: A Case Study in the Daubert Challenges
- Photovoltaic Cells & Systems
- Physical Evidence at the Fire Scene
- Process of Elimination
- Search and Seizure
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- The Scientific Method for Fire and Explosion Investigation



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### **5.4.3 Review and Assess Investigation Reports (cont.)**

- Understanding “Undetermined”
- Using Resources to Validate Your Hypothesis
- What the Insurance Professional Needs to Know About Fire Investigation
- Writing the Initial Origin and Cause Report

### **5.4.4 Conduct Investigative Analysis Given Reports**

- Alternative Fuel Vehicle Fires
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Documenting the Event
- Electric and Hybrid Vehicle Design Basics
- Electric and Hybrid Vehicle Fires
- Emerging Technologies in Fire Investigation
- Evidence Examination: What Happens at the Lab?
- Explosion Dynamics
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
- Fire Chemistry
- Fire Flow Analysis
- Fire Protection Systems
- Fundamentals of Interviewing
- Fundamentals of Residential Building Construction
- Insurance and the Fire Investigation
- Introduction to Evidence
- Introduction to Fire Dynamics and Modeling
- Investigating Fatal Fires
- Investigating Motor Vehicle Fires
- Investigating Natural Gas Systems
- Lithium-Ion Battery Fires



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### **5.4.4 Conduct Investigative Analysis Given Reports (cont.)**

- Managing Complex Fire Scene Investigations
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
- 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
- Thermometry, Heat, and Heat Transfer
- Understanding Fire Through the Candle Experiments
- Understanding the Fire Investigator's Job: A Guide for Non-Investigators
- Using Resources to Validate Your Hypothesis
- Understanding "Undetermined"
- Writing the Initial Origin and Cause Report

### **5.4.5 Manage Technical Resources Needed to Perform Investigations**

- Accreditation, Certification, and Certificates
- Digital Photography and the Fire Investigator
- Documenting the Event
- Electrical Safety
- Emerging Technologies in Fire Investigation
- Fire Investigator Scene Safety
- Introduction to Evidence
- Investigating Fatal Fires
- Investigating Motor Vehicle Fires
- Investigating Natural Gas Systems



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### **5.4.5 Manage Technical Resources Needed to Perform Investigations (cont.)**

- NFPA 1033 and Your Career
- Physical Evidence at the Fire Scene
- Preventing Occupational Exposures to Carcinogens at the Fire Scene
- Search and Seizure
- The HAZWOPER Standard
- Understanding the Fire Investigator's Job: A Guide for Non-Investigators

### **5.4.6 Develop and Manage a Comprehensive Investigation Program**

- Accreditation, Certification, and Certificates
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event
- Effective Investigation and Testimony
- Electrical Safety
- 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 Investigator Scene Safety
- Fundamentals of Interviewing
- How First Responders Impact the Fire Investigation
- Insurance and the Fire Investigation
- Introduction to Evidence
- Introduction to Youth-Set Fires
- Investigating Fatal Fires
- Investigating Fire and Explosion Incidents Involving a Line-of-Duty Death



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### **5.4.6 Develop and Manage a Comprehensive Investigation Program (cont.)**

- 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
- Physical Evidence at the Fire Scene
- Preventing Occupational Exposures to Carcinogens at Fire Scenes
- Process of Elimination
- Search and Seizure
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- The HAZWOPER Standard
- 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
- Using Resources to Validate Your Hypothesis
- Writing the Initial Origin and Cause Report

### **5.4.7 Construct a Resource Plan for Investigation with Allied Groups**

- Alternative Fuel Vehicles
- Discovery in Civil Cases
- Discovery in Criminal Cases
- DNA
- Electric and Hybrid Vehicle Fires
- Evidence Examination: What Happens at the Lab?
- How First Responders Impact the Fire Investigation



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### **5.4.7 Construct a Resource Plan for Investigation with Allied Groups (cont.)**

- 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 Motor Vehicle Fires
- Investigating Natural Gas Systems
- Legal Aspects of Investigating Youth-Set Fires
- Managing Complex Fire Scene Investigations
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
- Photovoltaic Cells & Systems
- Search and Seizure
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- Understanding the Fire Investigator's Job: A Guide for Non-Investigators
- What the Insurance Professional Needs to Know About Fire Investigation

