

NFPA 1081

Standard for Facility Fire Brigade Member
Professional Qualifications

2024 EDITION — JOB PERFORMANCE REQUIREMENTS — QUICK
REFERENCE

*Reaching for Excellence:
Measuring and Improving Industrial Firefighter Performance*

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How to Use This Reference

This handout summarizes every Job Performance Requirement (JPR) in the 2024 edition of NFPA 1081, organized by brigade level. Use it to:

Measure → Benchmark → Improve

1. Identify which JPRs apply to your brigade's assigned duties. 2. Compare current training against each applicable JPR. 3. Target training frequency and drills where gaps exist. 4. Re-measure after changes to verify improvement.

Site-specific JPRs are selected by brigade management based on your facility's hazard assessment. Not every site-specific JPR will apply. The process for determining which apply must be documented.

Items marked "NEW in 2024" were added in this edition. The 2024 edition also added a continuing education requirement (Section 1.6) and renamed "support member" to "support person" throughout.

Key Changes in the 2024 Edition

- Field reduction of contaminants JPRs added at Advanced Exterior, Interior Structural, and Leader levels
- New wellness and behavioral health JPRs for Brigade Leaders (8.2.7.2 and 8.2.7.3)
- New Chapter 10: Apparatus Driver/Operator qualifications
- New Annex H: Foam health, safety, and environmental guidance (PFAS concerns)
- Continuing education requirement formalized (Section 1.6)
- "Support member" renamed to "support person" to align with NFPA 1010

Support Person (Chapter 4)

Personnel assigned to support fire brigade operations in the cold zone. Not expected to perform manual fire suppression. Cannot enter warm or hot zones. Training and drills required at least annually.

Section	Job Performance Requirement	Time Standard / Note
General (Section 4.1) — Cold Zone Operations Only		
4.1.7	Initiate a response to a reported emergency using SOPs and communication equipment	
4.1.8	Respond to a facility emergency; arrive at assigned duty location	
Site-Specific (Section 4.2) — Selected by management		
4.2.1	Building evacuation: evacuate personnel to assembly points	Site-specific
4.2.2	Sprinkler system control: maintain fixed fire protection during fire	Site-specific
4.2.3	Electrical power control: maintain electrical system control during fire	Site-specific
4.2.4	Utility control: manage HVAC, steam, gas, piping systems during fire	Site-specific
4.2.5	Process control: manage process equipment during fire	Site-specific
4.2.6	Fire pump / fire water system operation	Site-specific
4.2.7	Salvage operations in the cold zone	Site-specific
4.2.8	Traffic control and site security duties	Site-specific
4.2.9	Escort: guide responders to fire area without entering warm/hot zones	Site-specific
4.2.10	General support services as determined by brigade management	Site-specific

Incipient Facility Fire Brigade Member (Chapter 5)

Responds to fires in the early stage that can be controlled with portable extinguishers or handlines up to 125 gpm without thermal protective clothing or SCBA. Must also meet NFPA 470 Chapter 5 (Hazardous Materials Awareness).

Section	Job Performance Requirement	Time Standard / Note
General / Communications (Section 5.1)		
5.1.2.1	Initiate a response to a reported emergency using facility SOPs and communications equipment	
5.1.2.2	Transmit and receive messages via the facility communications system	
5.1.2.3	Respond to a facility emergency arriving in a safe manner	
5.1.2.4	Return equipment to service; inspect, clean, note damage, restore readiness	
5.1.2.5	Complete a basic incident report with all pertinent information	
5.1.3	Activate an emergency call for assistance under vision-obscured conditions	From NFPA 1001
Manual Fire Suppression (Section 5.2)		
5.2.1	Extinguish incipient fires using correct portable fire extinguisher selection and techniques	
5.2.2	Conserve property; protect facility and contents from further damage	
5.2.3	Exit hazardous area when fire progresses beyond incipient stage; find safe haven	
Site-Specific Requirements (Section 5.3) — As determined by management		
5.3.1	Attack an incipient stage fire with handline flowing up to 125 gpm	Site-specific
5.3.2	Activate a fixed fire protection system following procedures	Site-specific
5.3.3	Utilize master stream appliances for defensive operations	Site-specific
5.3.4	Establish a water supply for firefighting operations	Site-specific
5.3.5	Perform a fire safety survey; identify hazards and make recommendations	Site-specific

Advanced Exterior Facility Fire Brigade Member (Chapter 6)

Performs offensive firefighting outside enclosed structures beyond the incipient stage. Requires thermal protective clothing and may require SCBA. Typically uses handlines up to 300 gpm and master streams. Must meet all Incipient JPRs first, plus NFPA 470 Chapter 7.

Donning Standard: 2 Minutes (120 Seconds)

Section 6.2.1 requires thermal protective clothing to be correctly donned within 2 minutes. This time standard was retained in NFPA 1081 even after being removed from NFPA 1001 in 2013. Use it if it matches your brigade's assigned duties.

Section	Job Performance Requirement	Time Standard / Note
General (Section 6.1) — Prerequisite: All Incipient JPRs (Ch. 5)		
6.1.2.1	Utilize a pre-incident plan and implement responses detailed by the plan	
6.1.2.2	Interface with outside mutual aid organizations; establish unified command	
Manual Fire Suppression (Section 6.2)		
6.2.1	Don thermal protective clothing for exterior firefighting operations	2 min (120 sec)
6.2.2	Don and use SCBA; controlled breathing; emergency procedures if SCBA fails	
6.2.3	Attack an exterior fire as a team member with handline and PPE	
6.2.4	Conduct search and rescue operations as a team member	
6.2.5	Conserve property as a team; protect exposed property and environment	
6.2.6	Overhaul a fire scene; discover hidden fires, preserve evidence	
6.2.7	Establish a water supply for firefighting operations	
6.2.8	Exit a hazardous area as a team before exhausting air supply	
6.2.9	Operate as a member of a rapid intervention crew (RIC)	
6.2.10	Perform field reduction of contaminants following an incident	NEW in 2024
Site-Specific Requirements (Section 6.3) — As determined by management		
6.3.1	Perform a fire safety survey in a facility	Site-specific
6.3.2	Gain access to facility locations using keys, forcible entry tools, ladders	Site-specific
6.3.3	Utilize master stream appliances with supply hose	Site-specific
6.3.4	Extinguish an ignitable liquid fire as a team using foam	Site-specific
6.3.5	Control a flammable gas fire as a team	Site-specific
6.3.6	Extinguish an exterior fire using special agents (dry chem, CO ₂ , etc.)	Site-specific

Section	Job Performance Requirement	Time Standard / Note
6.3.7	Interpret alarm conditions from detection systems	Site-specific
6.3.8	Activate a fixed fire suppression system	Site-specific
6.3.9	Extinguish a Class C (electrical) fire as a team	Site-specific
6.3.10	Utilize tools and equipment assigned to the facility fire brigade	Site-specific
6.3.11	Set up and use portable ladders (single and extension)	Site-specific
6.3.12	Respond on apparatus; mount/dismount, seatbelts, PPE use	Site-specific
6.3.13	Attack a vehicle fire as a team; control flammable liquids	Site-specific

Interior Structural Facility Fire Brigade Member (Chapter 7)

Performs fire suppression, rescue, or both inside buildings or enclosed structures involved in fire beyond the incipient stage. Requires full PPE including structural protective clothing and SCBA. Must meet all Incipient JPRs first, plus NFPA 470 Chapter 7.

Donning Standard: 2 Minutes (120 Seconds)

Section 7.1.2.1 requires structural thermal protective clothing to be correctly donned within 2 minutes. Same standard as Advanced Exterior.

Section	Job Performance Requirement	Time Standard / Note
General (Section 7.1) — Prerequisite: All Incipient JPRs (Ch. 5)		
7.1.2.1	Don thermal protective clothing for structural firefighting operations	2 min (120 sec)
7.1.2.2	Don and use SCBA; controlled breathing; emergency procedures if SCBA fails	
7.1.2.3	Utilize a pre-incident plan and implement responses	
7.1.2.4	Describe and perform field reduction of contaminants of PPE	NEW in 2024
Manual Fire Suppression (Section 7.2)		
7.2.1	Attack an interior structural fire as a team member with handline and PPE	
7.2.2	Force entry into a structure using appropriate tools	
7.2.3	Perform ventilation on a structure as a team member	
7.2.4	Overhaul a fire scene; discover hidden fires, preserve evidence	
7.2.5	Exit a hazardous area as a team before exhausting air supply	
7.2.6	Establish a water supply for firefighting operations	
7.2.7	Interface with outside mutual aid organizations; establish unified command	
7.2.8	Conduct search and rescue operations as a team member	
7.2.9	Conserve property as a team; protect exposed property and environment	
7.2.10	Operate as a member of a rapid intervention crew (RIC)	
7.2.11	Perform field reduction of contaminants following an incident	NEW in 2024
Site-Specific Requirements (Section 7.3) — As determined by management		
7.3.1	Interpret alarm conditions from detection systems	Site-specific
7.3.2	Activate a fixed fire protection system	Site-specific
7.3.3	Utilize master stream appliances with supply hose	Site-specific

Section	Job Performance Requirement	Time Standard / Note
7.3.4	Extinguish an ignitable liquid fire as a team using foam	Site-specific
7.3.5	Control a flammable gas fire as a team	Site-specific
7.3.6	Extinguish a fire using special agents (dry chem, CO ₂ , etc.)	Site-specific
7.3.7	Utilize tools and equipment assigned to the facility fire brigade	Site-specific
7.3.8	Set up and use portable ladders (single and extension)	Site-specific
7.3.9	Interface with outside mutual aid organizations; unified command	Site-specific
7.3.10	Perform a fire safety survey; identify hazards and make recommendations	Site-specific
7.3.11	Extinguish a Class C (electrical) fire as a team	Site-specific

Facility Fire Brigade Leader (Chapter 8)

Responsible for establishing command, using emergency response procedures, and overseeing emergency response. Must meet all JPRs of the level they are leading (Advanced Exterior or Interior Structural). The 2024 edition significantly expanded the safety and health requirements.

Section	Job Performance Requirement	Time Standard / Note
Supervisory Functions (Section 8.2)		
8.2.1	Assign tasks/responsibilities at emergency scenes; clear, concise instructions	
8.2.2	Develop an initial action plan from size-up information	
8.2.3	Implement an action plan; deploy resources; maintain team safety	
8.2.4	Coordinate multiple resources (in-house and mutual aid) using IMS	
8.2.5	Implement support operations: lighting, rehabilitation, logistics	
8.2.6	Direct members during training evolutions per safety plans	
Safety and Health (Section 8.2.7)		
8.2.7.1	Apply safety regulations at the unit level; complete reports, conduct in-service training	
8.2.7.2	Explain importance of physical/medical capability and wellness programs	NEW in 2024
8.2.7.3	Identify actions for member physical, medical, or behavioral health problems	NEW in 2024
8.2.7.4	Perform field reduction of contaminants following an incident	NEW in 2024

Facility Fire Brigade Training Coordinator (Chapter 9)

Responsible for establishing a training and education program and maintaining training records. Must meet JPRs of the facility fire brigade and be able to operate at safety officer level in the IMS.

Section	Job Performance Requirement	Time Standard / Note
Training Functions (Section 9.2)		
9.2.1	Lead training classes or verify instructor qualifications; convey outcomes	
9.2.2	Serve as safety officer during emergency operations	
9.2.3	Verify skills and knowledge of facility fire brigade members	
9.2.4	Maintain training and drill records for the facility fire brigade	

Facility Fire Brigade Apparatus Driver/Operator (Chapter 10)

NEW chapter in the 2024 edition. Provides JPRs for members who drive or operate fire brigade apparatus. References NFPA 1002 for specific operational qualifications.

Section	Job Performance Requirement	Time Standard / Note
Chapter 10 — NEW Chapter in 2024 Edition		
10.1	Meet entrance requirements of Chapters 1 and 5 plus NFPA 1002 Section 4.3 and NFPA 470 Chapter 5	NEW in 2024
10.2	Perform preventive maintenance per NFPA 1002 Sections 4.2, 5.1.2, and 6.1.1	NEW in 2024
10.3	Meet JPRs for apparatus equipped with fire pump per NFPA 1002 Section 5.1.1 and 5.2	NEW in 2024
10.4	Meet JPRs for apparatus equipped with aerial device per NFPA 1002 Sections 6.1–6.2	NEW in 2024

Qualification Progression

NFPA 1081 builds cumulatively. Each level includes all requirements from the level below it.

Level	Must Meet Requirements Of
Support Person	Chapter 4 only
Incipient	Chapter 1 + Sections 5.1, 5.2, 5.3 + NFPA 470 Ch. 5
Advanced Exterior	All Incipient + Sections 6.1, 6.2, 6.3 + NFPA 470 Ch. 7
Interior Structural	All Incipient + Sections 7.1, 7.2, 7.3 + NFPA 470 Ch. 7
Brigade Leader	JPRs of the level being led + Sections 8.1, 8.2
Training Coordinator	JPRs of the facility fire brigade + Sections 9.1, 9.2
Driver/Operator	Chapter 1 + Chapter 5 + NFPA 1002 applicable sections + NFPA 470 Ch. 5

Key Referenced Standards

NFPA 470 — Hazardous Materials/WMD Standard for Responders (2022)

NFPA 600 — Standard on Facility Fire Brigades (2025)

NFPA 1002 — Fire Apparatus Driver/Operator Professional Qualifications (2017)

NFPA 1561 — Emergency Services Incident Management System and Command Safety (2020)

NFPA 1750 — Organization and Deployment of Fire Suppression Operations, EMS, Special Operations, and Fire Prevention (2026)

NFPA 1851 — Selection, Care, and Maintenance of Protective Ensembles (2020)

29 CFR 1910.156 — OSHA Fire Brigades

29 CFR 1910.120 — OSHA Hazardous Waste and Emergency Response

29 CFR 1910.134 — OSHA Respiratory Protection (Two-In/Two-Out)

Compliance is a floor. Performance is capability.

Use these JPRs as the benchmark for what your brigade members must be able to do, then measure how fast and how well they do it. Define time. Build a baseline. Fix the biggest leak. Prove it.

This document is a summary reference only and does not replace the full NFPA 1081 standard.

For the complete standard, visit [nfpa.org](https://www.nfpa.org). For resources and tools, visit [TrainTeachLead.com](https://www.TrainTeachLead.com).