



Appendix C

NFPA 1001

Fire Fighting Professional Qualifications

This document is an appendix to the Evaluation and Certification Guide published by the Saskatchewan Office of the Fire Commissioner. Use this appendix in conjunction with the Guide.



Saskatchewan Fire Service Evaluation and Certification Guide

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Introduction

NFPA 1001 Standard for Professional Qualifications for Fire Fighter identifies the Job Performance Requirements (JPR's) that must be completed to gain qualifications as a Fire Fighter.

This appendix contains information on completing the certification process. It also contains a record keeping system participants must use to record their progress within this program towards certification under the International Fire Service Accreditation Congress (IFSAC).

Qualifications and Certification Steps

To gain certification the individual must:

1. Produce a letter of recommendation from their Fire Chief indicating they are a member of a fire department, have received training and are adequately prepared for evaluation.
2. Be certified under NFPA 472 Standard for Professional Competence of Responders to Hazardous Materials Incidents, Operational Level.
3. Possess a valid First Aid Certificate, including CPR qualification.
4. Complete all NFPA 1001 JPR's through self-study, training on the job and/or through courses and seminars.
5. Successfully pass a 200 question written evaluation based upon the IFSTA Essentials of Fire Fighting within 4 hours, attaining a 70 percent pass mark.
6. Successfully pass a practical evaluation based on the Job Performance Requirements outlined in this Appendix and NFPA 1001 Standard for Professional Qualifications for Fire Fighter.

Certification Programs for NFPA 1001 encompass both level 1 and level 2 Job Performance Requirements. **Separate Certification Programs for Level 1 or Level 2 are not available.**

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Initiate the response to a reported emergency, given the report of an emergency, fire department standard operating procedures, and communications equipment, so that all necessary information is obtained, communications equipment is operated correctly, and the information is promptly and accurately relayed to the dispatch centre.	5-2.1		
Receive a business or personal telephone call, given a fire department business phone, so that proper procedures for answering the phone are used and the caller's information relayed.	5-2.2		
Transmit and receive messages via the fire department radio, given a fire department radio and operating procedures, so that the information is promptly relayed and is accurate, complete, clear and relayed within the time established by the AHJ.	5-2.3		
Use SCBA during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned and activated within one minute, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally comprised, and hazardous areas are exited prior to air depletion.	5-3.1		
Respond on apparatus to an emergency scene, given personal protective clothing and other necessary personal protective equipment, so that the apparatus is safely mounted and dismounted, seat belts are used while the vehicle is in motion, and other personal protective equipment is correctly used.	5-3.2		
Operate in established work areas at emergency scenes, given protective equipment, traffic and scene control devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, so that procedures are followed, protective equipment is worn, protected work areas are established as directed using traffic and scene control devices, and the fire fighter performs assigned tasks only in established, protective work areas.	5-3.3		
Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.	5-3.4		
Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained.	5-3.5		
Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished.	5-3.6		

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Attack a passenger vehicle fire operating as a member of a team, given personal protective equipment, attack line, and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are overhauled, and the fire is extinguished.	5-3.7		
Extinguish fires in exterior Class A materials, given fires in stacked or piled and small unattached structures or storage containers that can be fought from the exterior, attack lines, hand tools and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished and signs of the origin area(s) and arson are preserved.	5-3.8		
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety-including respiratory protection is not compromised.	5-3.9		
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control.	5-3.10		
Perform horizontal ventilation on a structure operating as part of a team, given an assignment, personal protective equipment, ventilation tools, equipment, and ladders, so that the ventilation openings are free of obstructions, tools are safely used as designed, ladders are correctly placed, and the structure is cleared of smoke.	5-3.11		
Perform vertical ventilation on a structure operating as part of a team, given an assignment, personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a sufficient opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished.	5-3.12		

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Overhaul a fire scene, given personal protective equipment, attack line, hand tools, a flashlight, and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished.	5-3.13		
Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage.	5-3.14		
Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed.	5-3.15		
Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.	5-3.16		
Illuminate the emergency scene, given fire service electrical equipment and an assignment, so that designated areas are illuminated and all equipment is operated within the manufacturers listed safety precautions.	5-3.17		
Turn off building utilities, given tools and an assignment, so that the assignment is safely completed.	5-3.18		
Combat a ground cover fire operating as a member of a team, given protective clothing, SCBA if needed, hose lines, extinguishers or hand tools, and an assignment, so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when warranted. And the assignment is completed.	5-3.19		
Perform a fire safety survey in a private dwelling, given survey forms and procedures, so that fire and life-safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority.	5-5.1		
Present fire safety information to station visitors, so that all information is presented, the information is accurate, and questions are answered or referred.	5-5.2		
Clean and check ladders, ventilation equipment, self-contained breathing apparatus (SCBA), ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.	5-5.3		

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Clean, inspect, and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service.	5-5.4		
Complete a basic incident report, given the report forms, guidelines, and information, so that all pertinent information is recorded, the information is accurate, and the report is complete.	6-2.1		
Communicate the need for team assistance, given fire department communications equipment, standard operating procedures (SOP's), and a team, so that the supervisor is consistently informed of team needs, departmental SOP's are followed, and the assignment is accomplished safely.	6-2.2		
Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the correct type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached.	6-3.1		
Co-ordinate an interior attack line team's accomplishment of an assignment in a structure fire, given attack lines, personal protective equipment, and tools, so that crew integrity is established; attack techniques are selected for the given level of the fire (for example, attic, grade level, upper levels, or basement); attack techniques are communicated to the attack teams; constant team co-ordination is maintained; fire growth and development is continuously evaluated; search, rescue, and ventilation requirements are communicated or managed. Hazards are reported to the attack teams; and incident command is apprised of changing conditions.	6-3.2		
Control a flammable gas cylinder fire operating as a member of a team, given an assignment, a cylinder outside of a structure, an attack line, personal protective equipment, and tools, so that crew integrity is maintained, contents are identified, safe havens are identified prior to advancing, open valves are closed, flames are not extinguished unless the leaking gas is eliminated, the cylinder is cooled, cylinder integrity is evaluated, hazardous conditions are recognized and acted upon, and the cylinder is faced during approach and retreat.	6.3.3		

JPR's for NFPA 1001

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Protect evidence of fire cause and origin, given a flashlight and overhaul tools, so that the evidence is noted and protected from further disturbance until investigators can arrive on the scene.	6.3.4		
Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without undue further injury, and hazards are managed.	6-4.1		
Assist rescue operation teams, given standard operating procedures, necessary rescue equipment, and an assignment, so that procedures are followed, rescue items are recognized and retrieved in the time as prescribed by the AHJ and the assignment is completed.	6-4.2		
Prepare a pre-incident survey, given forms, necessary tools, and an assignment, so that all required occupancy information is recorded, items of concern are noted, and accurate sketches or diagrams are prepared.	6-5.1		
Maintain power plants, power tools, and lighting equipment, given tools and manufacturer's instructions so that equipment is clean and maintained according to manufacturer and departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.	6-5.2		
Perform an annual service test on fire hose, given a pump, a marking device, pressure gauges, a timer, record sheets, and related equipment, so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded.	6.5.3		
Test the operability of and flow from a fire hydrant, given a Pitot tube, pressure gauge, and other necessary tools, so that the readiness of the hydrant is assured and the flow of water from the hydrant can be calculated and recorded.	6-5.4		

Date JPR's Completed

Fire Chief, Fire Service Instructor, Supervisor signature