

Pro Board Assessment Methodology Matrices for NFPA 1001

NFPA 1001 - Fire Fighter I - 2013 Edition

INSTRUCTIONS: In the column titled 'Cognitive/Written Test' place the number of questions from the Test Bank that are used to evaluate the applicable JPR, RK, RS, or objective. In the column titled 'Manipulative/Skills Station' identify the skill sheets that are used to evaluate the applicable JPR, RS, or objective. When the Portfolio or Projects method is used to evaluate a particular JPR, RK, RS, or objective, identify the applicable section in the appropriate column and provide the procedures to be used as outlined in the NBFSPQ Operational Procedures, COA-5. Evaluation methods that are not cognitive, manipulative, portfolio, or project based should be identified in the 'Other' column.

OBJECTIVE / JPR, RK, RS		COGNITIVE	MANIPULATIVE			
SECTION	ABBREVIATED TEXT	WRITTEN TEST	SKILLS STATION	PORTFOLIO	PROJECTS	OTHER
5.1	Requirements of NFPA 472, Operations Level; Chapter 5, Sec 6.6 (to include Sec 6.2)					Chapter 1 (p 5-6), Chapter 3 (p 44-54), Chapter 10 (p 260-293), Chapters 28-34 (p 868-930)
5.2.1	Initiate the response to a reported emergency					Chapter 4 (p 93-96, 98-99)
5.2.1(A)	RK: reporting an emergency					Chapter 4 (p 96)
5.2.1(B)	RS: operate communications equipment					Chapter 4 (p 102, 111)
5.2.2	Receive a business or personal telephone call					Chapter 4 (p 111)
5.2.2(A)	RK: Fire department procedures for answering nonemergency telephone calls					Chapter 4 (p 111)
5.2.2(B)	RS: fire station telephone and intercom equipment					Chapter 4, Skill Drill 4-5 (p 111)
5.2.3	Transmit and receive messages via the fire department radio					Chapter 4 (p 103-104, 105-108)
5.2.3(A)	RK: Departmental radio procedures					Chapter 4 (p 107-108)
5.2.3(B)	RS: radio equipment and discriminate between routine and emergency traffic					Chapter 4, Skill Drill 4-3 (p 107)
5.2.4	Activate an emergency call for assistance					Chapter 18 (p 591-592)
5.2.4(A)	RK: Personal Accountability, emergency comms					Chapter 18 (p 591-592)
5.2.4(B)	RS: ability to initiate an emergency call for assistance					Chapter 18, Skill Drill 18-1 (p 591-592)
5.3.1	Use SCBA during emergency operations					Chapter 3 (p 62, 73)
5.3.1(A)	RK: respiratory protection					Chapter 3 (p 54-73)
5.3.1(B)	RS: use SCBA					Chapter 3 (p 70)
5.3.2	Respond on apparatus to an emergency scene					Chapter 11 (p 301-302)
5.3.2(A)	RK: riding fire apparatus					Chapter 11 (p 302-303)
5.3.2(B)	RS: use each piece of provided safety equipment					Chapter 11 (p 302-303)

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SECTION	ABBREVIATED TEXT	WRITTEN TEST	SKILLS STATION	PORTFOLIO	PROJECTS	OTHER
5.3.3	Operate in established work areas at emergency					Chapter 11 (p 303–306)
5.3.3(A)	RK: Potential hazards at emergency scene					Chapter 11 (p 303–304)
5.3.3(B)	RS: Operate in protected area					Chapter 11 (p 303)
5.3.4	Force entry into a structure					Chapter 12 (p 320–321)
5.3.4(A)	RK: Basic construction					Chapter 12 (p 325–344)
5.3.4(B)	RS: transport and operate hand and power tools and to force entry					Chapter 12, Skill Drill 12-1, 12-2, 12-3, 12-4, 12-5, 12-6, 12-7, 12-8, 12-9, 12-10, 12-11, 12-12, 12-13 (p 327–332, 334, 337–348)
5.3.5	Exit a hazardous area as a team					Chapter 18 (p 588–589, 596–600)
5.3.5(A)	RK: Personnel accountability systems					Chapter 18 (p 589–590)
5.3.5(B)	RS: operate as a team					Chapter 18 (p 594)
5.3.6	Set up ground ladders					Chapter 13 (p 366–368)
5.3.6(A)	RK: parts and hazards of ladders					Chapter 13 (p 357–362)
5.3.6(B)	RS: carry raise and extend ladders					Chapter 13, Skill Drill 13-2, 13-3, 13-4, 13-5, 13-6, 13-7, 13-8, 13-9, 13-10, 13-11, 13-12, 13-13, 13-14, 13-15, 13-16, 13-17, 13-18, 13-19, 13-20 (p 371–395)
5.3.7	Attack a passenger vehicle fire operating as a member of a team					Chapter 22 (p 696–697)
5.3.7(A)	RK: fire streams					Chapter 22 (p 697–699)
5.3.7(B)	RS: automobile fire					Chapter 22 (p 697)
5.3.8	Extinguish fires in exterior Class A materials					Chapter 9, 22, 38 (p 249–251, 682, 695, 1073–1074)
5.3.8(A)	RK: attack lines and water streams					Chapter 22 (687–690, 694–696)
5.3.8(B)	RS: handlines or master streams					Chapter 22 (p 685–689, 692, 695)
5.3.9	Conduct a search and rescue in a structure operating as a member of a team					Chapter 14 (p 404–407, 413–414)
5.3.9(A)	RK: forcible entry tools					Chapter 9 (p 248–249)
5.3.9(B)	RS: SCBA, set up ladders, rescue, and assess areas to determine tenability					Chapter 14, Skill Drill 14-3, 14-4, 14-5, 14-6, 14-7, 14-8, 14-9, 14-10, 14-11, 14-12, 14-13, 14-14, 14-15, 14-16, 14-17, 14-18, 14-19 (p 414–435)
5.3.10	Attack an interior structure fire operating as a member of a team					Chapter 22 (p 680–684, 690–694)
5.3.10(A)	RK: fire streams					Chapter 17, 22 (p 552–553, 559–562, 566–572, 690, 692–693)
5.3.10(B)	RS: water hammers; flow and patterns; apply water; and suppress interior wall and subfloor fires					Chapter 17, 22, Skill Drill 22-2, 22-3, 22-4, 22-9 (p 559, 561–564, 566–572, 683–684, 692–693)
5.3.11	Perform horizontal ventilation on a structure operating as part of a team					Chapter 15 (p 451–458)
5.3.11(A)	RK: ventilation					Chapter 15 (p 442–451, 455–459)

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SECTION	ABBREVIATED TEXT	WRITTEN TEST	SKILLS STATION	PORTFOLIO	PROJECTS	OTHER
5.3.11(B)	RS: ventilation tools and equipment					Chapter 15 (p 451–459)
5.3.12	Perform vertical ventilation on a structure operating as part of a team					Chapter 15 (p 459–463, 467–468)
5.3.12(A)	RK: heat transfer					Chapter 6, 15 (p 146–147, 155, 446)
5.3.12(B)	RS: ventilation tools and equipment					Chapter 15 (p 468–480)
5.3.13	Overhaul a fire scene					Chapter 19 (p 632–636)
5.3.13(A)	RK: attack lines and water application devices					Chapter 17 (p 552–553)
5.3.13(B)	RS: attack line; expose void spaces; apply water; signs of area of origin and arson; and complete extinguishment					Chapter 17, 19, 38 (p 552–553, 636–638, 683–684, 1077–1078, 1080–1083)
5.3.14	Conserve property as a member of a team					Chapter 19 (p 632, 636)
5.3.14(A)	RK: property conservation					Chapter 19, 37 (p 616–623, 1034, 1058)
5.3.14(B)	RS: covering materials					Chapter 19, Skill Drill 19-11, 19-12, 19-13, 19-14 (p 628–632)
5.3.15	Connect a fire department pumper to a water supply as a member of a team					Chapter 16 (p 505–506, 508–512)
5.3.15(A)	RK: mobile water supply apparatus; fire hydrant operation; and suitable static water supply					Chapter 16 (p 489–491, 495–498, 504–505)
5.3.15(B)	RS: lay a supply hose					Chapter 16 (p 523–537)
5.3.16	Extinguish incipient Class A, Class B, and Class C fires					Chapter 8 (p 216–218, 225–227)
5.3.16(A)	RK: classifications of fire					Chapter 8 (p 199–216)
5.3.16(B)	RS: operate portable fire extinguishers					Chapter 8, Skill Drill 8-1, 8-2, 8-3, 8-4, 8-5, 8-6, 8-7, 8-8, 8-9 (p 216, 218–226)
5.3.17	Illuminate the emergency scene					Chapter 19 (p 612–615)
5.3.17(A)	RK: Safety principles					Chapter 19 (p 612, 614–615)
5.3.17(B)	RS: department power supply					Chapter 19, Skill Drill 19-1 (p 614–615)
5.3.18	Turn off building utilities					Chapter 11, 22 (p 305–306, 701)
5.3.18(A)	RK: electricity, gas, and water systems;					Chapter 11, 22 (p 305–306, 701–702)
5.3.18(B)	RS: utility control devices					Chapter 11, 22 Skill Drill 22-13, 22-14 (p 305–306, 701)
5.3.19	Combat a ground cover fire operating as a member of a team					Chapter 21 (p 671–672)
5.3.19(A)	RK: ground cover fires					Chapter 21 (p 662–663, 665–670)
5.3.19(B)	RS: exposure threats					Chapter 21 (p 672–673)
5.3.20	tie a knot appropriate for hoisting tool					Chapter 10 (p 272–279, 286)
5.3.20(A)	RK: knot types and usage, diff between life safety and utility rope					Chapter 10 (p 260–265, 268–272)

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5.3.20(B)	RS: ability to hoist tools using specific knots					Chapter 10, Skill Drill 10-5, 10-6, 10-7, 10-8, 10-9, 10-10, 10-11, 10-12, 10-13, 10-14, 10-15, 10-16, 10-17, 10-18, 10-19, 10-20, 10-21 (p 272-274, 276-293)
5.5.1	Clean and check ladders, ventilation equipment, self-contained breathing apparatus (SCBA), ropes, salvage equipment, and hand tools					Chapter 3, 9, 10, 13, 19 (p 73, 73-78, 81-82, 252-253, 268-271, 362-366, 628)
5.5.1(A)	RK: cleaning methods					Chapter 9, 10 (p 252-253, 268)
5.5.1(B)	RS: correct tools					Chapter 9, 10 (p 236-237, 252-253, 268)
5.5.2	Clean, inspect, and return fire hose to service					Chapter 16 (p 513-519, 522-532, 544)
5.5.2(A)	RK: noting a defective hose					Chapter 16 (p 512-513)
5.5.2(B)	RS: clean hose;					Chapter 16, Skill Drill 16-12 (p 513)

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SECTION	ABBREVIATED TEXT	WRITTEN TEST	SKILLS STATION	PORTFOLIO	PROJECTS	OTHER
6.1.1	Fire Fighter I					Chapter 1, (p 6)
6.2.1	Complete a basic incident report					Chapter 5 (p 131)
6.2.1(A)	RK: basic incident reports					Chapter 5 (p 131)
6.2.1(B)	RS: complete reports					Chapter 5, Skill Drill 5-2 (p 131)
6.2.2	Communicate the need for team assistance					Chapter 4 (p 109)
6.2.2(A)	RK: Standard operating procedures					Chapter 4 (p 109)
6.2.2(B)	RS: operate fire department communications equipment					Chapter 4 (p 107)
6.3.1	Extinguish an ignitable liquid fire					Chapter 17 (p 573)
6.3.1(A)	RK: foam					Chapter 17 (p 573-578)
6.3.1(B)	RS: prepare a foam concentrate					Chapter 17, Skill Drill 17-17, 17-18, 17-19 (p 576-578)
6.3.2	Coordinate an interior attack line team's accomplishment of an assignment in a structure fire					Chapter 15, 22 (p 449, 681, 690, 692)
6.3.2(A)	RK: proper nozzle and hose					Chapter 15, 22 (p 463, 682)
6.3.2(B)	RS: assemble a team					Chapter 22, Skill Drill 22-1 (p 683)
6.3.3	Control a flammable gas cylinder fire operating as a member of a team					Chapter 22 (p 700-701)
6.3.3(A)	RK: Characteristics of pressurized flammable gases					Chapter 22 (p 699-700)

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SECTION	ABBREVIATED TEXT	WRITTEN TEST	SKILLS STATION	PORTFOLIO	PROJECTS	OTHER
6.3.3(B)	RS: advances and retreats					Chapter 22, Skill Drill 22-12 (p 700-701)
6.3.4	Protect evidence of fire cause and origin					Chapter 38 (p 1083-1084)
6.3.4(A)	RK: assess origin and cause					Chapter 38 (p 1073-1074, 1076, 1083-1084)
6.3.4(B)	RS: locate the fire's origin area					Chapter 38 (p 1075-1076, 1083-1084)
6.4.1	Extricate a victim entrapped in a motor vehicle as part of a team					Chapter 26 (p 817-819, 821-834)
6.4.1(A)	RK: fire department's role at a vehicle accident					Chapter 26 (p 811, 814-817, 821-829)
6.4.1(B)	RS: operate hand and power tools					Chapter 26 Skill Drill 26-3, 26-4, 26-5, 26-6, 26-7, 26-8, 26-9, 26-10 (p 818-834)
6.4.2	Assist rescue operation teams					Chapter 10, 27 (p 265-268, 841-846, 850-860)
6.4.2(A)	RK: fire fighter's role at a technical rescue operation					Chapter 9, 27 (p 250, 840-846, 850-860)
6.4.2(B)	RS: identify and retrieve various types of rescue tools					Chapter 9, 27 (p 250, 847, 850)
6.5.1	Perform a fire safety survey in a occupied structure					Chapter 36 (p 1022-1026)
6.5.1(A)	RK: Organizational policy and procedures					Chapter 36 (p 1015-1022)
6.5.1(B)	RS: complete forms					Chapter 36 (p 1020-1021, 1025-1026)
6.5.2	Present fire safety information to station visitors or small groups					Chapter 36 (p 1014, 1017-1019, 1021)
6.5.2(A)	RK: informational materials					Chapter 36 (p 1025-1028)
6.5.2(B)	RS: document presentations and using prepared materials					Chapter 36 (p 1027-1028)
6.5.3	Prepare a preincident survey					Chapter 23 (p 711, 718-725)
6.5.3(A)	RK: sources of water supply					Chapter 23, 37 (p 711-713, 718-720, 1034-1064)
6.5.3(B)	RS: components of fire suppression and detection systems					Chapter 37 (p 1034-1064)
6.5.4	Maintain power plants, power tools, and lighting equipment					Chapter 9, 19 (p 252-253, 615)
6.5.4(A)	RK: Types of cleaning methods					Chapter 9, 19 (p 252-253, 615)
6.5.4(B)	RS: correct tools					Chapter 19 (p 615)
6.5.5	Perform an annual service test on fire hose					Chapter 16 (p 513-514)
6.5.5(A)	RK: hose service testing					Chapter 16 (p 513-514)
6.5.5(B)	RS: hose testing equipment and nozzles and to record results					Chapter 16, Skill Drill 16-13, 16-14 (p 513-514)