

Firefighting Program Standards Criticality Survey 2017

1. Personal Qualities and People Skills				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
Demonstrate a positive work ethic by coming to work every day on time, a willingness to take direction, and motivation to accomplish the task at hand.	0	2	13	2.87
Demonstrate integrity by abiding by workplace policies and laws and demonstrating honesty and reliability.	0	2	13	2.87
Demonstrate teamwork skills by contributing to the success of the team, assisting others, and requesting help when needed.	0	1	14	2.93
Demonstrate positive self-representation skills by dressing appropriately and using language and manners suitable for the workplace.	0	8	7	2.47
Demonstrate diversity awareness by working well with all customers and co-workers.	0	8	7	2.47
Demonstrate conflict-resolution skills by negotiating diplomatic solutions to interpersonal and workplace issues.	0	10	5	2.33
Demonstrate creativity and resourcefulness by contributing new ideas and working with initiative.	1	9	5	2.27
Answered				15
Skipped				0

2. Professional Knowledge and Skills				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
Demonstrate effective speaking and listening skills by communicating effectively with customers and employees and following directions.	0	4	11	2.73
Demonstrate effective reading and writing skills by reading and interpreting workplace documents and writing clearly.	1	6	8	2.47
Demonstrate critical-thinking and problem-solving skills by analyzing and resolving problems that arise in completing assigned tasks.	0	5	10	2.67
Demonstrate healthy behaviors and safety skills by following safety guidelines and managing personal health.	1	4	10	2.60
Demonstrate understanding of workplace organizations, systems, and climates by identifying "big picture" issues and fulfilling the mission of the workplace.	2	11	2	2.00
Demonstrate lifelong-learning skills by continually acquiring new industry-related information and improving professional skills.	2	2	11	2.60

Demonstrate job acquisition and advancement skills by preparing to apply for a job and seeking promotion.	4	11	0	1.73
Demonstrate time, task, and resource management skills by organizing and implementing a productive plan of work.	3	8	4	2.07
Demonstrate mathematical skills by using mathematical reasoning to accomplish tasks.	5	9	1	1.73
Demonstrate customer service skills by identifying and addressing the needs of all customers and providing helpful, courteous, and knowledgeable service.	0	6	9	2.60
Answered				15
Skipped				0

3. Technology Knowledge and Skills				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner.	2	5	8	2.4
Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively.	1	11	3	2.13
Demonstrate proper Internet use and security by using the Internet appropriately for work.	1	11	3	2.13
Demonstrate proficiency with telecommunications by selecting and using appropriate devices, services, and applications.	4	11	0	1.73
Answered				15
Skipped				0

CONTENT STANDARD 1.0: RELATE ACADEMIC FOUNDATIONS TO ACHIEVE SKILL REQUIREMENT				
Performance Standard 1.1: Apply Concepts of Language Arts Knowledge				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
1.1.1 Model behaviors that demonstrate active listening.	0	8	6	2.43
1.1.2 Organize oral and written information.	1	8	5	2.29
1.1.3 Adapt language for audience, purpose and situation.	3	10	1	1.86
1.1.4 Evaluate oral and written information for accuracy, expression, adequacy, clarity and validity.	1	9	4	2.21
1.1.5 Articulate potential outcomes and/or solutions.	1	8	5	2.29
1.1.6 Present formal and informal speeches, as related to the hiring process.	6	6	2	1.71
Answered				14
Skipped				1

Performance Standard 1.2: Apply Concepts of Mathematics Knowledge				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
1.2.1 Demonstrate use of whole numbers, decimals and fractions.	3	10	1	1.86
1.2.2 Demonstrate knowledge of arithmetic operations.	3	11	0	1.79
1.2.3 Formulate data and measurements to solve a problem.	2	12	0	1.86
1.2.4 Analyze mathematical problem statements.	5	9	0	1.64
1.2.5 Construct charts/tables/graphs from functions and data.	11	2	1	1.29
1.2.6 Critique data when interpreting operational documents.	8	5	1	1.50
Answered				14
Skipped				1

Performance Standard 1.3: Apply Concepts of Science Knowledge				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
1.3.1 Evaluate scientific constructs including conclusions, conflicting data, controls, sources of error and variables.	5	7	2	1.79
1.3.2 Apply scientific method in qualitative and quantitative analysis.	8	4	2	1.57
1.3.3 Recognize elements and their various states of matter.	6	6	2	1.71
1.3.4 Describe the fire tetrahedron.	2	5	7	2.36
1.3.5 Describe transmission of heat.	1	5	8	2.50
1.3.6 Explain various states of "fuel".	2	4	8	2.43
1.3.7 Outline the classification of fire - A,B,C,D,K.	1	7	6	2.36
1.3.8 Explain the phases of fire growth.	0	5	9	2.64
1.3.9 Describe factors that affect fire development.	0	4	10	2.71
1.3.10 Describe fire control theory.	0	3	11	2.79
Answered				14
Skipped				1

CONTENT STANDARD 2.0: DEMONSTRATE THE USE OF COMMUNICATION				
Performance Standard 2.1: Select and Employ Appropriate Reading and Communication Strategies				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
2.1.1 Identify the use of content, technical concepts and vocabulary for analyzing information.	4	8	2	1.86
2.1.2 Demonstrate the ability to read and fully comprehend a written document.	0	9	5	2.36
2.1.3 Interpret information, data and observations for application.	1	10	3	2.14
2.1.4 Transcribe information, data and apply information.	4	7	3	1.93
2.1.5 Communicate information to actual practice.	0	6	8	2.57

Answered	14
Skipped	1

Performance Standard 2.2: Enhance Diversity to Enhance Skills				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
2.2.1 Apply factors and strategies for communicating with people in a diverse and cultural background.	1	8	5	2.29
2.2.2 Demonstrate ability to communicate and resolve conflicts through various communication methods.	0	8	6	2.43
Answered				14
Skipped				1

Performance Standard 2.3: Create Verbal and Non-verbal Behaviors				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
2.3.1 Interpret and utilize verbal behaviors when communicating with clients and coworkers.	2	8	4	2.14
2.3.2 Interpret and utilize nonverbal behaviors when communicating with the public.	4	6	4	2.00
2.3.3 Respond with restatement and clarification techniques.	4	6	4	2.00
2.3.4 Exhibit public relations skill.	1	4	9	2.57
Answered				14
Skipped				1

CONTENT STANDARD 3.0: DEMONSTRATE PROBLEM SOLVING AND CRITICAL THINKING				
Performance Standard 3.1: Utilize Thinking Skills Independently and As a Team				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
3.1.1 Identify common tasks that require problem solving.	2	7	4	2.15
3.1.2 Analyze elements of a problem to develop solutions.	1	6	6	2.38
3.1.3 Identify alternatives using problem solving and critical thinking skills.	0	7	6	2.46
Answered				13
Skipped				2

Performance Standard 3.2: Employ Interpersonal Skills to Resolve Conflicts				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
3.2.1 Analyze situations and behaviors that affect conflict management.	2	9	2	2.00
3.2.2 Determine outcomes and options.	1	11	1	2.00
3.2.3 Identify and implement the various stress management techniques.	3	6	4	2.08
Answered				13

Skipped	2
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Performance Standard 3.3: Monitor Workplace Performance Goals				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
3.3.1 Develop realistic performance goals, objectives and action plans.	0	6	6	2.50
3.3.2 Synthesize goals and adjust as necessary.	2	7	3	2.08
3.3.3 Recognize achievement and use appropriate rewards in the workplace.	3	7	2	1.92
Answered				12
Skipped				3

Performance Standard 3.4: Conduct Technical Research				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
3.4.1 Demonstrate various methods of gathering information for the audience.	2	10	0	1.83
3.4.2 Gather technical information using a variety of resources to solve a problem.	1	11	0	1.92
3.4.3 Evaluate information and data to prove the value of research through documentation.	2	8	2	2.00
Answered				12
Skipped				3

CONTENT STANDARD 4: USE OF INFORMATION TECHNOLOGY TOOLS				
Performance Standard 4.1: Differentiate Between Various Electronic Tasks				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
4.1.1 Use personal information applications to increase workplace efficiency.	8	4	0	1.33
4.1.2 Apply technological tools to expedite workflow.	4	8	0	1.67
4.1.3 Operate electronic mail application to communicate.	2	7	3	2.08
4.1.4 Critique internet applications to perform workplace tasks.	8	4	0	1.33
4.1.5 Differentiate writing and publishing applications to prepare departmental communications.	6	5	1	1.58
Answered				12
Skipped				3

Performance Standard 4.2: Organize and Manipulate Tasks				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
4.2.1 Create computer based applications.	9	3	0	1.25
4.2.2 Access support as needed to maintain operations.	5	6	1	1.67
4.2.3 Manage and compress files for efficiency.	10	2	0	1.17

4.2.4	Facilitate group work through delegation and management.	6	4	2	1.67
4.2.5	Manage interrelated data elements.	9	3	0	1.25
4.2.6	Perform calculations and analyses using spreadsheets.	8	4	0	1.33
				Answered	12
				Skipped	3

CONTENT STANDARD 5.0: IDENTIFY KEY ORGANIZATIONAL SYSTEMS					
Performance Standard 5.1: Describe the Scope of Departmental Organizations					
	Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
5.1.1	Differentiate the types and functions of the different fire service organizations.	4	7	1	1.75
5.1.2	Explain the interactions between the different organizations in the fire service.	2	8	2	2.00
5.1.3	Explain fire service industry history.	4	7	0	1.64
5.1.4	Describe the fire service mission, organizational structure including chain of command, apparatus, crews, and duties.	0	4	8	2.67
5.1.5	Identify career tracks within the fire service industry.	3	7	2	1.92
5.1.6	Complete Incident Command System (ICS) and the National Incident Management System (NIMS) 100, 200, 700 and 800.	1	4	7	2.50
				Answered	12
				Skipped	3

Performance Standard 5.2: Implement Quality Control Systems and Practices					
	Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
5.2.1	Implement quality control standards and practices.	3	6	3	2.00
5.2.2	Use national and statewide standards for quality control.	4	3	5	2.08
				Answered	12
				Skipped	3

CONTENT STANDARD 6.0: UNDERSTAND THE IMPORTANCE OF HEALTH, SAFETY AND THE ENVIRONMENT					
Performance Standard 6.1: Implement Personal and Departmental Safety Regulations					
	Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
6.1.1	Assess workplace conditions with regard to safety and health.	2	4	6	2.33
6.1.2	Identify safety hazards.	1	2	9	2.67
6.1.3	Select appropriate personal protective equipment.	1	0	11	2.83
6.1.4	Employ safety hierarchy and communication systems.	2	3	7	2.42
6.1.5	Implement safety precautions to maintain safe workplace.	1	0	11	2.83

6.1.6	Meet industry health and fitness qualifications and standards.	1	1	10	2.75
6.1.7	Demonstrate the care of personal protective equipment (PPE).	1	2	9	2.67
6.1.8	Demonstrate donning and doffing of personal protective equipment within one minute.	2	1	9	2.58
6.1.9	Identify the components of a self-contained breathing apparatus (SCBA).	1	3	8	2.58
6.1.10	Describe respiratory hazards as well as when SCBA shall be "used" in an immediately dangerous to life or health atmosphere (IDLH).	1	1	10	2.75
6.1.11	Practice donning and doffing SCBA within one minute.	2	1	9	2.58
6.1.12	Explain principles of air management consistent with NFPA 1404.	1	1	10	2.75
6.1.13	Demonstrate replacement of SCBA air cylinders.	1	3	8	2.58
				Answered	12
				Skipped	3

Performance Standard 6.2: Employee Rights and Responsibilities					
	Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
6.2.1	Identify rules, laws and governing bodies designed to promote safety and health.	2	8	2	2.00
6.2.2	Understand rationale for laws, regulations and rules as it applies to the fire service industry.	2	8	2	2.00
				Answered	12
				Skipped	3

Performance Standard 6.3: Employ Emergency Procedures and Disaster Response Plans					
	Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
6.3.1	Complete an EMR (Emergency Medical Responder) program of First Aid and CPR training that meets the requirements of the American Heart Association (AHA).	1	2	9	2.67
6.3.2	Create a safety equipment training plan.	2	7	3	2.08
6.3.3	Assess emergency and/or disaster situations.	1	8	3	2.17
6.3.4	Design an emergency or disaster plan.	4	7	1	1.75
6.3.5	Describe fire extinguisher rating systems.	4	5	3	1.92
6.3.6	Use a portable fire extinguisher safely; pull, aim, squeeze and sweep (PASS) method of application.	1	4	7	2.50
6.3.7	Explain how to inspect a portable fire extinguisher.	3	5	4	2.08
6.3.8	Complete and understand a hazardous material operations course.	2	4	6	2.33
				Answered	12
				Skipped	3

CONTENT STANDARD 7.0: UNDERSTAND THE IMPORTANCE OF ETHICS AND LEGAL RESPONSIBILITIES				
Performance Standard 7.1: Apply Ethical Reasoning to Workplace Situations				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
7.1.1 Understand legal responsibilities and employer policies.	0	8	4	2.33
7.1.2 Identify personal and long-term workplace consequences for unethical behaviors.	1	4	7	2.50
7.1.3 Create a plan to deal with legal and ethical considerations.	4	5	3	1.92
Answered				12
Skipped				3

Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
7.2.1 Demonstrate understanding of departmental policies and procedures.	1	3	8	2.58
7.2.2 Discuss the effect of policies and procedures on a specific work situation.	3	4	5	2.17
7.2.3 Demonstrate understanding of standard operating procedures for a department or agency.	1	5	6	2.42
7.2.4 Compare annual firefighter injuries and fatalities data for potential policy and procedural changes.	6	4	2	1.67
7.2.5 Identify safety standards related to fire services, such as National Fire Protection Association (NFPA) 1500 and Occupational Safety and Health Administration (OSHA).	4	4	4	2.00
Answered				12
Skipped				3

CONTENT STANDARD 8.0: DEMONSTRATE FIRE SUPPRESSION TACTICS AND EQUIPMENT				
Performance Standard 8.1: Employ Water Supply Theory				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
8.1.1 Describe and perform sources of water supplies and water theory.	2	5	5	2.25
8.1.2 Explain different means of moving water, including friction loss, appliances and fire service hose.	1	5	6	2.42
8.1.3 Describe fire hose damage and perform general care.	1	6	5	2.33
8.1.4 Describe suppressing class A, B, C, D, and K fires.	1	6	5	2.33
Answered				12
Skipped				3

Performance Standard 8.2: Understand Concepts of Company Operations				
Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
8.2.1 Describe in order tactical priorities.	0	4	8	2.67

8.2.2	Describe and demonstrate engine, ladder and rescue company functions on fires.	1	3	8	2.58
8.2.3	Describe and demonstrate the reasons for fire ground ventilation.	0	5	7	2.58
8.2.4	Define and perform the proper procedures and care for fire service ground ladders.	1	4	7	2.50
8.2.5	Describe the reasons and types of forcible entry.	0	6	6	2.50
8.2.6	Describe the reasons and types of salvage operations.	1	5	6	2.42
				Answered	12
				Skipped	3

Performance Standard 8.3: Apply Concepts of Additional Tactics and Techniques					
	Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
8.3.1	Complete National Wildfire Coordination Group (NWCG), S130, S190, L180 or equivalent (wildland firefighting).	2	5	5	2.25
8.3.2	Describe reasons and procedures for vehicle extrication.	1	5	6	2.42
8.3.3	Apply to concepts of live fire training (when possible).	1	4	7	2.50
8.3.4	Understand the context of Technical Rescue Awareness class per Idaho State Fire Marshall.	3	7	2	1.92
8.3.5	Meet requirements to sign off as completed from the Firefighter Manipulative Skills Manual.	2	4	6	2.33
				Answered	12
				Skipped	3

Performance Standard 8.4: Applied Concepts and Methods of Fire Prevention					
	Answer Choices	Nice to Know	Need to Know	Critical to Know	Rating Average
8.4.1	Understand and demonstrate best practices in the inspection process.	5	6	1	1.67
8.4.2	Understand and demonstrate best practices in public fire instruction.	4	7	1	1.75
8.4.3	Understand how scientific methods apply to fire investigation through NFPA 3.1.	7	3	2	1.58
8.4.4	Apply methods and concepts of fire prevention.	5	4	3	1.83
				Answered	12
				Skipped	3