



2021-2022

Technical Skills Assessment

Firefighting

Results by Standard

Legend (%)		
0-50%	51-75%	76-100%

Assessment: Firefighting	% Correct	% Correct
Number tested: 21	20-21	21-22
Program 1: Content Standard 1.0: RELATE ACADEMIC FOUNDATIONS TO ACHIEVE SKILL REQUIREMENT	77.27%	76.36%
Duty 1: Performance Standard 1.1: Apply Concepts of Language Arts Knowledge	83.33%	83.33%
Standard 1: 1.1.1. Model behaviors that demonstrate active listening.	83.33%	83.33%
Duty 2: Performance Standard 1.2: Apply Concepts of Mathematics Knowledge	88.64%	90.91%
Standard 2: 1.2.2. Demonstrate knowledge of arithmetic operations.	77.27%	81.82%
Standard 3: 1.2.3. Formulate data and measurements to solve a problem.	100.00%	100.00%
Duty 3: Performance Standard 1.3: Apply Concepts of Science Knowledge	74.55%	73.03%
Standard 2: 1.3.2. Apply scientific method in qualitative and quantitative analysis.	40.91%	36.36%
Standard 3: 1.3.3. Recognizer elements and their various states of matter.	90.91%	81.82%
Standard 4: 1.3.4 Describe the fire tetrahedron.	90.91%	81.82%
Standard 5: 1.3.5 Describe transmission of heat.	84.09%	81.82%
Standard 6: 1.3.6 Explain various states of "fuel"	59.09%	63.64%
Standard 7: 1.3.7 Outline the classification of fire - A,B,C,D,K.	80.68%	79.55%
Standard 8: 1.3.8 Explain the phases of fire growth.	59.09%	63.64%
Standard 9: 1.3.9 Describe factors that affect fire development.	70.45%	79.55%
Standard 10: 1.3.10 Describe fire control theory.	72.73%	63.64%
Program 2: CONTENT STANDARD 2.0: DEMONSTRATE THE USE OF COMMUNICATION	67.05%	65.91%
Duty 1: Performance Standard 2.1: Select and Employ Appropriate Reading and Communication Strategies	75.00%	77.27%
Standard 2: 2.1.2 Demonstrate the ability to read and fully comprehend a written document.	86.36%	81.82%
Standard 4: 2.1.4 Transcribe information, data and apply information.	63.64%	72.73%
Duty 3: Performance Standard 2.3: Create Verbal and Nonverbal Behaviors	59.09%	54.55%
Standard 4: 2.3.4. Exhibit public relations skill.	59.09%	54.55%
Program 3: CONTENT STANDARD 3.0: DEMONSTRATE PROBLEM SOLVING AND CRITICAL THINKING	59.09%	52.27%
Duty 1: Performance Standard 3.1: Utilize Thinking Skills Independently and As a Team	59.09%	52.27%

Standard 3: 3.1.3. Identify alternatives using problem solving and critical thinking skills.	59.09%	52.27%
Program 4: CONTENT STANDARD 4.0: USE OF INFORMATION TECHNOLOGY TOOLS	72.73%	54.55%
Duty 2: Performance Standard 4.2: Organize and Manipulate Tasks	72.73%	54.55%
Standard 4: 4.2.4. Facilitate group work through delegation and management.	72.73%	54.55%
Program 5: CONTENT STANDARD 5.0: IDENTIFY KEY ORGANIZATIONAL SYSTEMS	72.73%	62.88%
Duty 1: Performance Standard 5.1: Describe the Scope of Departmental Organizations.	78.18%	70.00%
Standard 3: 5.1.3. Explain the history of the fire service industry.	79.55%	72.73%
Standard 4: 5.1.4. Describe the fire service industries mission, organizational structure including chain of command,	95.45%	72.73%
Standard 6: 5.1.6 Complete Incident Command System (ICS) and the National Incident Management System (NIMS)	68.18%	65.91%
Duty 2: Performance Standard 5.2: Implement Quality Control Systems and Practices	45.45%	27.27%
Standard 2: 5.2.2. Use national and statewide standards for quality control.	45.45%	27.27%
Program 6: CONTENT STANDARD 6.0: UNDERSTAND THE IMPORTANCE OF HEALTH, SAFETY AND THE ENVIRONMENT	66.76%	64.63%
Duty 1: Performance Standard 6.1: Implement Personal and Departmental Safety Regulations.	67.31%	65.21%
Standard 1: 6.1.1. Assess workplace conditions with regard to safety and health.	66.67%	63.64%
Standard 2: 6.1.2. Identify safety hazards.	61.36%	59.09%
Standard 3: 6.1.3. Select appropriate personal protective equipment.	81.82%	95.45%
Standard 4: 6.1.4 Employ safety hierarchy and communication systems.	56.82%	45.45%
Standard 5: 6.1.5 Implement safety precautions to maintain safe workplace.	86.36%	68.18%
Standard 6: 6.1.6 Meet industry health and fitness qualifications and standards.	75.76%	80.30%
Standard 7: 6.1.7 Demonstrate the care of personal protective equipment (PPE).	54.55%	72.73%
Standard 9: 6.1.9 Identify the components of a self-contained breathing apparatus (SCBA).	77.27%	72.73%
Standard 10: 6.1.10 Describe respiratory hazards as well as when SCBA shall be "used	60.91%	62.73%
Standard 11: 6.1.11 Practice donning and doffing SCBA within one minute.	56.82%	52.27%
Standard 12: 6.1.12 Explain principles of air management consistent with NFPA 1404.	84.09%	68.18%
Duty 2: Performance Standard 6.2: Employee Rights and Responsibilities	50.00%	50.00%
Standard 1: 6.2.1 Identify rules, laws and governing bodies designed to promote safety and health.	50.00%	50.00%
Duty 3: Performance Standard 6.3: Employ Emergency Procedures and Disaster Response Plans	67.27%	64.55%
Standard 1: 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).	63.64%	72.73%
Standard 6: 6.3.6 Use a portable fire extinguisher safely; pull, aim, squeeze and sweep (PASS) method of application.	86.36%	81.82%
Standard 7: 6.3.7 Explain how to inspect a portable fire extinguisher.	61.36%	47.73%
Program 7: CONTENT STANDARD 7.0: UNDERSTAND THE IMPORTANCE OF ETHICS AND LEGAL RESPONSIBILITIES.	76.26%	68.18%
Duty 1: Performance Standard 7.1: Apply Ethical Reasoning to Workplace Situations.	68.18%	69.32%

Standard 1: 7.1.1 Understand legal responsibilities and employer policies.	77.27%	68.18%
Standard 2: 7.1.2 Identify personal and long-term workplace consequences for unethical behaviors.	45.45%	59.09%
Standard 3: 7.1.3 Create a plan to deal with legal and ethical considerations.	72.73%	81.82%
Duty 2: Performance Standard 7.2: Interpret Written Agency Policies and Procedures	82.73%	67.27%
Standard 1: 7.2.1 Demonstrate understanding of departmental policies and procedures.	88.64%	81.82%
Standard 3: 7.2.3 Demonstrate understanding of standard operating procedures for a department or agency.	95.45%	77.27%
Standard 4: 7.2.4 Compare annual firefighter injuries and fatalities data for potential policy and procedural changes.	45.45%	18.18%
Standard 5: 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).	95.45%	77.27%
Program 8: CONTENT STANDARD 8.0: DEMONSTRATE FIRE SUPPRESSION TACTICS AND EQUIPMENT	63.29%	62.94%
Duty 1: Performance Standard 8.1: Employ Water Supply Theory	40.00%	56.36%
Standard 1: 8.1.1 Describe and perform sources of water supplies and water theory.	54.55%	72.73%
Standard 2: 8.1.2 Explain different means of moving water, including friction loss, appliances and fire service hose.	36.36%	45.45%
Standard 4: 8.1.4 Describe suppressing class A, B, C, D, and K fires.	36.36%	72.73%
Duty 2: Performance Standard 8.2: Understand Concepts of Company Operations	69.52%	65.24%
Standard 1: 8.2.1 Describe in order tactical priorities.	59.09%	63.64%
Standard 2: 8.2.2 Describe and demonstrate engine, ladder and rescue company functions on fires.	31.82%	27.27%
Standard 3: 8.2.3 Describe and demonstrate the reasons for fire ground ventilation.	77.27%	62.50%
Standard 4: 8.2.4 Define and perform the proper procedures and care for fire service ground ladders.	81.82%	63.64%
Standard 5: 8.2.5 Describe the reasons and types of forcible entry.	78.18%	80.00%
Standard 6: 8.2.6 Describe the reasons and types of salvage operations.	61.82%	60.91%
Duty 3: Performance Standard 8.3: Apply Concepts of Additional Tactics and Techniques	65.91%	61.36%
Standard 2: 8.3.2 Describe reasons and procedures for vehicle extrication.	84.09%	68.18%
Standard 3: 8.3.3 Apply to concepts of live fire training (when possible).	40.91%	63.64%
Standard 5: 8.3.5 Meet requirements to sign off as completed from the Firefighter Manipulative Skills Manual.	54.55%	45.45%