

DRIVER OPERATOR - MOBILE WATER SUPPLY APPARATUS SKILL SHEETS



NFPA 1010, 2024 Edition – Chapter 17 (NFPA 1002) FST Release and Effective Date Notification - July 2026

The following skills sheets are meant to be printed double-sided. This allows the candidate to view the instructions and description without viewing the steps.

*Evaluators are the FST on-site representative for IFSAC skills exams and are responsible for evaluating a candidate's ability to perform specific skills in a structured testing situation. In rare occasions where enough evaluators are not available, FST may approve an evaluator who participated in the training process, if they do not evaluate the subject(s) they taught. **Evaluators will only notify candidates of pass/fail status of a skill station if the candidate asks.** All discussions between evaluators and the candidate about skill evaluations and scoring must be conducted after the candidate has completed the skill testing station, and in a location that will provide privacy from other candidates to ensure confidentiality. Evaluators complete the testing station skills sheets for each candidate and include any comments concerning the testing of the candidate and sign the skill sheet to affirm passing or failing of the skill by the candidate. Evaluators refer any problems or questions that develop during the testing process to the Lead Evaluator.*



IDAHO FIRE SERVICE TRAINING – MOBILE WATER SUPPLY SKILLS



Candidate Preparation Guide	3
Evaluator Introduction	5
COMMUNICATIONS – 17.2	9
Skill Sheet 1: Initiate Emergency Response and Reporting	9
CANDIDATE TESTING PAGE – SKILL SHEET 1 (17.2.1).....	10
Skill Sheet 2: Transmit and Receive Communications	11
CANDIDATE TESTING PAGE – SKILL SHEET 2 (17.2.2).....	12
PREVENTIVE MAINTENANCE – 17.3.....	13
Skill Sheet 3: Preventive Maintenance	13
CANDIDATE TESTING PAGE – SKILL SHEET 3 (17.2.1).....	14
Skill Sheet 3: FST MOBILE WATER SUPPLY APPARATUS CHECK OFF SHEET	15
OPERATIONS – 17.4.....	17
Skill Sheet 4: Position Apparatus at Water Shuttle Fill Site.....	17
CANDIDATE TESTING PAGE – SKILL SHEET 4 (17.4.1).....	18
Skill Sheet 5: Position Apparatus at Water Shuttle Dump Site	19
CANDIDATE TESTING PAGE – SKILL SHEET 5 (17.4.2).....	20
Skill Sheet 6: Establish a Water Shuttle Dump Site.....	21
CANDIDATE TESTING PAGE – SKILL SHEET 6 (17.4.2).....	22



Candidate Preparation Guide

Congratulations on reaching the practical skills evaluation phase of the **Idaho Fire Service Training (FST) Driver/Operator – Mobile Water Supply Apparatus Certification** program.

The Driver/Operator – Mobile Water Supply Apparatus certification is designed to verify that candidates possess the knowledge, skills, and abilities necessary to safely inspect, operate, position, and maintain a mobile water supply apparatus while supporting emergency operations through water shuttle operations in accordance with **NFPA 1010 (2024 Edition), Chapter 17 (formerly NFPA 1002)** and your Authority Having Jurisdiction's (AHJ) policies and procedures. Throughout the practical examination, candidates will be expected to demonstrate safe work practices, sound judgment, effective communication, and operational competence while completing the applicable Job Performance Requirements (JPRs).

The practical examination consists of skill stations designed to evaluate your ability to perform the duties of a Driver/Operator – Mobile Water Supply Apparatus. These skills include emergency communications, preventive maintenance inspections, positioning the apparatus at fill and dump sites, and establishing a functional water shuttle dump site capable of providing a continuous water supply during fire suppression operations. Candidates should prepare for all skill sheets, as any required operational skill may be selected during the certification examination.

Each practical skill is intended to simulate real-world fire service operations. Before beginning each skill station, carefully review the assignment provided by the evaluator. Ensure you fully understand the objective before initiating any apparatus movement or operational task. If clarification is needed regarding the assignment, ask the evaluator before beginning the evolution. Once the skill begins, candidates are expected to independently complete the assignment safely, efficiently, and without coaching.

Throughout the examination, evaluators will assess not only your ability to complete the required task, but also your ability to consistently apply safe operating practices. This includes maintaining situational awareness, communicating effectively with dispatch and incident personnel, safely positioning the apparatus, operating rapid dump systems and pumping equipment when applicable, maintaining uninterrupted water shuttle operations, and recognizing and correcting unsafe or abnormal operating conditions. Safety shall always take precedence over speed.

As you prepare for your examination, remember to:

- Review each Driver/Operator – Mobile Water Supply Apparatus skill sheet and understand the required performance objectives.
- Become familiar with your department's Standard Operating Procedures (SOPs), Standard Operating Guidelines (SOGs), and manufacturer operating recommendations.
- Practice transmitting and receiving emergency radio communications using approved radio procedures.
- Conduct complete apparatus inspections and preventive maintenance checks while identifying and documenting deficiencies.
- Become proficient in positioning a mobile water supply apparatus at both fill sites and dump sites while avoiding obstacles and maintaining safe apparatus placement.



IDAHO FIRE SERVICE TRAINING – MOBILE WATER SUPPLY SKILLS



- Practice operating rapid dump systems, portable water tanks, and associated equipment used during water shuttle operations.
- Understand the proper deployment and operation of portable water tanks, low-level strainers, transfer equipment, and drafting operations necessary to establish a continuous water shuttle dump site.
- Communicate clearly with incident personnel throughout every evolution.
- Operate the apparatus safely while maintaining awareness of personnel, equipment, and changing incident conditions.

Practical (Manipulative Skills) Examination

Candidates will demonstrate **100% competency on three (3) skill sheets** selected by FST:

- One (1) random **Skill Sheet 1 or 2**
- Preventive Maintenance **Skill Sheet 3**
- One (1) random **Skill Sheet 4, 5, or 6**

Candidates should remember that many skill stations involve critical safety considerations. Before moving the apparatus or operating any equipment, verify that the work area is safe, spotters are utilized when required, wheel chocks are properly placed when appropriate, and all personnel are clear of moving apparatus and operating equipment. During water shuttle operations, continually monitor apparatus positioning, water transfer operations, equipment performance, and the safety of personnel working around the apparatus. If an unsafe condition develops, candidates are expected to recognize the hazard and take appropriate corrective action.

The practical examination is designed to evaluate your ability to safely perform the duties of a Driver/Operator – Mobile Water Supply Apparatus—not simply your ability to memorize task steps. Evaluators recognize that departments throughout Idaho utilize different apparatus, water shuttle equipment, rapid dump systems, communications procedures, and operational practices. Candidates will be evaluated on their ability to safely complete each assigned task while operating within accepted fire service practices and their department's approved procedures.

If your department utilizes procedures that differ from those commonly used by other agencies, be prepared to explain those procedures to the evaluator before beginning the skill station. The evaluator may request copies of applicable SOPs, SOGs, or manufacturer operating procedures when necessary to ensure a fair and consistent evaluation.

On the day of your examination, arrive prepared with the required Personal Protective Equipment (PPE), any required department documentation, and a professional attitude. Listen carefully to the evaluator's instructions, think through each assignment before acting, communicate effectively, and perform every task with safety as your highest priority.

On behalf of Idaho Fire Service Training, we appreciate your dedication to professional development and your commitment to serving the citizens of Idaho safely and effectively. We wish you success during your Driver/Operator – Mobile Water Supply Apparatus practical examination and thank you for your continued service to the Idaho fire service.



Evaluator Introduction

Thank you for serving as an Idaho Fire Service Training (FST) IFSAC Evaluator for the **Driver/Operator – Mobile Water Supply Apparatus** certification program. As an evaluator, you play a critical role in maintaining the integrity, consistency, and credibility of Idaho's certification process. Your responsibility is to evaluate each candidate fairly, objectively, and consistently in accordance with the Idaho Fire Service Training Standard Operating Guidelines (SOGs), the official FST Skill Sheets, and the applicable Job Performance Requirements (JPRs) contained in **NFPA 1010 (2024 Edition), Chapter 17 (formerly NFPA 1002)**.

The purpose of the practical examination is to verify that candidates possess the knowledge, skills, and judgment necessary to safely inspect, operate, position, and maintain a Mobile Water Supply Apparatus while supporting water shuttle operations during emergency incidents. Candidates are expected to demonstrate competency in emergency communications, preventive maintenance, apparatus positioning, water shuttle fill and dump site operations, and establishing a continuous water shuttle system while consistently applying safe work practices and complying with their Authority Having Jurisdiction's (AHJ) policies and procedures.

Evaluator Responsibilities

Evaluators shall:

- Conduct each examination in a professional, impartial, and consistent manner.
- Ensure the testing environment is safe for all personnel involved.
- Verify that the apparatus, portable water tanks, water source, dump site, communications equipment, and required resources are available and operational before testing begins.
- Review the assigned skill sheet and evaluation criteria before each examination.
- Read the candidate directive exactly as written on the official Idaho Fire Service Training Skill Sheet.
- Observe the candidate's performance without coaching, prompting, or providing instructional assistance.
- Evaluate only the actions demonstrated by the candidate during the examination.
- Document candidate performance accurately on the official FST Skill Sheet.
- Immediately stop any evolution that presents an unsafe condition or places personnel, equipment, or property at unnecessary risk.
- Refer procedural questions, unusual circumstances, or disputes to the Lead Evaluator.

Evaluator Expectations

This is a **certification examination**, not a training exercise. Evaluators are responsible for determining whether the candidate has demonstrated competency—not for teaching, coaching, or correcting deficiencies during the examination.

Departments throughout Idaho utilize different mobile water supply apparatus, tank capacities, rapid dump systems, portable water tanks, transfer equipment, communications procedures, and operating practices. Candidates should not be penalized for using department-specific procedures or apparatus-specific operating methods provided those procedures:

- Meet the applicable Job Performance Requirements.



IDAHO FIRE SERVICE TRAINING – MOBILE WATER SUPPLY SKILLS



- Comply with AHJ policies and procedures.
- Follow manufacturer recommendations.
- Can be performed safely and effectively.

Evaluators should focus on the candidate's ability to safely accomplish the assigned objective rather than expecting identical techniques from every department.

Safety

Safety is the highest priority during every practical examination.

Evaluators shall ensure:

- The apparatus is mechanically safe and ready for testing.
- Fill sites, dump sites, and driving areas are established and free from unnecessary hazards.
- Adequate water supply is available for operational testing.
- Portable water tanks, transfer equipment, and associated appliances are properly deployed and stable before operations begin.
- Required assistants, spotters, and safety personnel are in position before apparatus movement or equipment operation.
- Appropriate Personal Protective Equipment (PPE) is worn when required.
- Apparatus movements are conducted safely using mirrors, spotters, and department operating procedures.
- Rapid dump systems, pumps, and transfer equipment are operated within manufacturer specifications.
- Personnel remain clear of moving apparatus and operating equipment throughout the evaluation.

If an unsafe act or condition occurs that places personnel, equipment, or the public at risk, the evaluator shall immediately stop the evolution. The Lead Evaluator will determine whether the candidate has failed the skill station or whether the evaluation may continue.

Candidate Interaction

Evaluators shall establish a professional and respectful testing environment for every candidate.

Before each skill station:

- Introduce yourself to the candidate.
- Verify the candidate understands the assignment.
- Read the candidate directive exactly as written.
- Answer questions regarding the assignment before testing begins.
- Ensure the candidate has the required equipment and resources.

Once the candidate begins the skill evaluation, no coaching, prompting, or corrective instruction shall be provided.

Following completion of the skill station, evaluators may discuss the evaluation process with the candidate in a private setting consistent with Idaho Fire Service Training testing procedures. Discussions regarding scoring shall remain confidential and should not occur in the presence of other candidates.

Scoring

Candidates shall be evaluated using only the criteria contained within the official Idaho Fire Service Training Skill Sheets.



IDAHO FIRE SERVICE TRAINING – MOBILE WATER SUPPLY SKILLS



Evaluators shall:

- Evaluate each performance step as written.
- Record comments when clarification is necessary.
- Identify any critical safety concerns or automatic failure criteria.
- Ensure all evaluation forms are complete, accurate, and legible.
- Sign all required documentation before submitting it to the Lead Evaluator.

Consistency among evaluators is essential to maintaining a fair, objective, and defensible statewide certification program.

Professionalism

As an Idaho Fire Service Training Evaluator, you represent both the Idaho Division of Career Technical Education (IDCTE) and the Idaho fire service. Your professionalism, integrity, and commitment to objective evaluation ensure that every Driver/Operator – Mobile Water Supply Apparatus certification reflects demonstrated competency and safe operational performance.

By applying the evaluation criteria consistently and treating every candidate with fairness and respect, you help ensure that Idaho's certified Driver/Operators possess the knowledge, skills, and judgment necessary to safely support rural water shuttle operations and provide a dependable water supply during emergency incidents.

Thank you for your dedication to Idaho Fire Service Training and for your commitment to maintaining the quality, consistency, and credibility of Idaho's statewide certification program. Your service as an evaluator directly contributes to the safety of Idaho firefighters and the communities they serve.



*****THIS PAGE INTENTIONALLY LEFT BLANK*****



COMMUNICATIONS – 17.2

Skill Sheet 1: Initiate Emergency Response and Reporting

Standard: NFPA 1010 (1002), 2024 edition

Objective: 17.2.1

TASK	Initiate the response to a reported emergency, given the report of an emergency, fire department standard operating procedures (SOPs), and communications equipment and technology, so that all necessary information is obtained, communications equipment and technology are operated correctly, and the information is relayed promptly and accurately to the dispatch center.
CANDIDATE DIRECTIVE	The candidate must articulate how communications ensure a coordinated response, including chain-of-command reporting and emphasizing accuracy for post-incident analysis. They must successfully process the incoming report using questioning techniques to obtain all critical data (location, nature, contact, hazards).
NFPA REQUISITE SKILL	The ability to operate fire department communications equipment and technology, relay information, and record information.
REQUIRED EQUIPMENT	Fire department radio console/system, Telephone/CAD system, Incident logbook or digital recording medium, SOPs/SOGs for emergency response.
REQUIRED ASSISTANTS	1

Evaluator/candidate comments:

IFSAC Evaluator's signature

IFSAC EVALUATORS NAME - PRINTED

IFSAC Evaluator's signature- RETEST

IFSAC EVALUATORS NAME - PRINTED

☐ I acknowledge **NOT** passing this skill station. _____

Candidate's signature



CANDIDATE TESTING PAGE – SKILL SHEET 1 (17.2.1)

Skill Sheet 1: Initiate Emergency Response and Reporting

Standard: NFPA 1010 (1002), 2024 edition**Objective:** 17.2.1

TASK		Transmit and receive communications using fire department equipment and technology, given equipment and technology and operating procedures, so that the information is accurate, complete, clear, and relayed within the timeframe established by the AHJ.			
No.	Task Steps	1 st Attempt		2 nd Attempt	
		Pass	Fail	Pass	Fail
Acknowledge the task assignment to Evaluator.					
1.	Adjust the radio volume and squelch and select the correct channel for transmission.				
2.	Successfully transmit an accurate and complete status update or resource request to command.				
3.	Receive and correctly interpret incoming communications.				
4.	Acknowledge and appropriately respond to urgent or priority transmissions (e.g., <i>Mayday</i> or evacuation order) immediately.				
5.	Utilize prescribed radio phraseology in a clear, deliberate, and professional manner.				
Notify evaluator when task is complete.					



COMMUNICATIONS – 17.2

Skill Sheet 2: Transmit and Receive Communications

Standard: NFPA 1010 (1002), 2024 edition

Objective: 17.2.2

TASK	Transmit and receive communications using fire department equipment and technology, given equipment and technology and operating procedures, so that the information is accurate, complete, clear, and relayed within the timeframe established by the AHJ.
CANDIDATE DIRECTIVE	The candidate must demonstrate the ability to prioritize and discriminate between routine operational traffic and time-critical emergency messages (e.g., <i>Mayday</i> , immediate evacuation order). They must use situational awareness to respond appropriately to urgent transmissions immediately.
NFPA REQUISITE SKILL	The ability to operate communications equipment and technology and discriminate between routine and emergency traffic.
REQUIRED EQUIPMENT	Mobile or portable radio, Base station radio, SOPs/SOGs for radio protocol.
REQUIRED ASSISTANTS	1

Evaluator/candidate comments:

IFSAC Evaluator's signature

IFSAC EVALUATORS NAME - PRINTED

IFSAC Evaluator's signature- RETEST

IFSAC EVALUATORS NAME - PRINTED

☐ I acknowledge **NOT** passing this skill station. _____

Candidate's signature



CANDIDATE TESTING PAGE – SKILL SHEET 2 (17.2.2)

Skill Sheet 2: Transmit and Receive Communications

Standard: NFPA 1010 (1002), 2024 edition**Objective:** 17.2.2

TASK		Transmit and receive communications using fire department equipment and technology, given equipment and technology and operating procedures, so that the information is accurate, complete, clear, and relayed within the timeframe established by the AHJ.			
No.	Task Steps	1 st Attempt		2 nd Attempt	
		Pass	Fail	Pass	Fail
Acknowledge the task assignment to Evaluator.					
1.	Adjust the radio volume and squelch and select the correct channel for transmission.				
2.	Successfully transmit an accurate and complete status update or resource request to command.				
3.	Receive and correctly interpret incoming communications.				
4.	Acknowledge and appropriately respond to urgent or priority transmissions (e.g., <i>Mayday</i> or evacuation order) immediately.				
5.	Utilize prescribed radio phraseology in a clear, deliberate, and professional manner.				
Notify evaluator when task is complete.					



PREVENTIVE MAINTENANCE – 17.3

Skill Sheet 3: Preventive Maintenance

Standard: NFPA 1010 (1002), 2024 edition

Objective: 17.3.1

TASK	Perform visual and operational checks on the systems and components specified in the list (Mobile Water Supply – MWS - specific), in addition to those specified in the general requirements, so that the operational readiness of the mobile water supply apparatus is verified.
CANDIDATE DIRECTIVE	Focus is on MWS specific components: Water tank and agent levels; Pumping system; Rapid dump system; and Foam system (if applicable). Candidate must also utilize hand tools and report deficiencies.
NFPA REQUISITE SKILL	The ability to use hand tools. Recognize system problems. Correct or report any deficiency noted according to policies and procedures.
REQUIRED EQUIPMENT	Mobile Water Supply Apparatus, maintenance logbook/record, manufacturer's manual, flashlight, check sheet, hand tools. FST MOBILE WATER SUPPLY APPARATUS CHECK OFF SHEET
REQUIRED ASSISTANTS	0

Evaluator/candidate comments:

IFSAC Evaluator's signature

IFSAC EVALUATORS NAME - PRINTED

IFSAC Evaluator's signature- RETEST

IFSAC EVALUATORS NAME - PRINTED

☐ I acknowledge **NOT** passing this skill station. _____

Candidate's signature



CANDIDATE TESTING PAGE – SKILL SHEET 3 (17.2.1)

Skill Sheet 3: Preventive Maintenance

Standard: NFPA 1010 (1002), 2024 edition**Objective:** 17.3.1

TASK	Perform visual and operational checks on the systems and components specified in the list (Mobile Water Supply – MWS - specific), in addition to those specified in the general requirements, so that the operational readiness of the mobile water supply apparatus is verified.				
No.	Task Steps	1 st Attempt		2 nd Attempt	
		Pass	Fail	Pass	Fail
Acknowledge the task assignment to Evaluator.					
1.	Inspect engine oil, chassis fluid levels (transmission, coolant, power steering, etc.) within manufacturer's specifications.				
2.	Inspect fuel level, ensuring fuel is above ¾ tank.				
3-6 Utilize FST MOBILE WATER SUPPLY APPARATUS CHECK OFF SHEET where applicable					
3.	Verified Water Tank and Extinguishing Agent Levels				
4.	Verified Pumping System				
5.	Verified Rapid Dump System				
6.	Verified Foam System				
7.	Recognize any system problems and correct or report any deficiencies found according to policies and procedures.				
8.	Document all tests, inspections, and servicing functions performed on FST inspection form.				
Notify evaluator when task is complete.					



IDAHO FIRE SERVICE TRAINING – MOBILE WATER SUPPLY SKILLS



FIRE APPARATUS DRIVER/OPERATOR - MOBILE WATER SUPPLY APPARATUS

NFPA® 1010, 2024 Edition – Chapter 17 (NFPA 1002)

Skill Sheet 3: **FST MOBILE WATER SUPPLY APPARATUS CHECK OFF SHEET**

Candidate Name: _____ Evaluator: _____

YES/NO Water Tank and Extinguishing Agent Levels

- ☐ ☐ Water tank full or at required operating level
- ☐ ☐ Tank level gauge operational
- ☐ ☐ Tank fill and discharge valves operational
- ☐ ☐ Water tank free of visible leaks
- ☐ ☐ Foam concentrate level verified (if equipped)
- ☐ ☐ Other extinguishing agents verified (if equipped)

YES/NO Pumping System

- ☐ ☐ Pump visually inspected
- ☐ ☐ Pump controls operational
- ☐ ☐ Intake valves operational
- ☐ ☐ Discharge valves operational
- ☐ ☐ Pressure gauges operational
- ☐ ☐ Primer system operational
- ☐ ☐ Pump engages properly
- ☐ ☐ No visible leaks or damage
- ☐ ☐ Pump panel indicators operational

YES/NO Rapid Dump System

- ☐ ☐ Rapid dump valve operational
- ☐ ☐ Dump chute/tube inspected
- ☐ ☐ Control mechanisms operational
- ☐ ☐ Dump system free of obstructions
- ☐ ☐ Warning devices operational
- ☐ ☐ No visible leaks or damage

YES/NO Foam System

- ☐ ☐ Foam concentrate level verified
- ☐ ☐ Foam tank secure and free of leaks
- ☐ ☐ Foam proportioning controls operational
- ☐ ☐ Foam eductor/injection system operational
- ☐ ☐ Foam discharge devices inspected
- ☐ ☐ System indicators operational

YES/NO Final Determination:

- ☐ ☐ Operationally Ready
- ☐ Deficiencies Identified – Corrective Action Required

Candidate Comments for any box checks "NO"

General Operational Readiness

- ☐ Deficiencies identified and documented
- ☐ Apparatus returned to service or deficiencies reported per AHJ policy
- ☐ Inspection completed according to AHJ procedures



This page intentionally left blank



OPERATIONS – 17.4

Skill Sheet 4: Position Apparatus at Water Shuttle Fill Site

Standard: NFPA 1010 (1002), 2024 edition

Objective: 17.4.1

TASK	Maneuver and position a mobile water supply apparatus at a water shuttle fill site, given a fill site location and one or more supply hose, so that the apparatus is positioned, supply hose is attached to the intake connections without having to stretch additional hose, and no objects are struck at the fill site.
CANDIDATE DIRECTIVE	The intent is to quickly and efficiently position the vehicle at an established fill site. The position must be the safest and most advantageous relative to the source (hydrant/drafting location). Positioning requires high spatial awareness and effective use of mirrors/spotters.
NFPA REQUISITE SKILL	The ability to determine a correct position for the apparatus, maneuver apparatus into that position, and avoid obstacles to operations.
REQUIRED EQUIPMENT	Mobile Water Supply Apparatus (Tanker), Designated water source (hydrant/drafting location), Supply hose and fittings (e.g., soft suction hose or LDH), Spotter/Safety cones (as obstacles).
REQUIRED ASSISTANTS	1

Evaluator/candidate comments:

IFSAC Evaluator's signature

IFSAC EVALUATORS NAME - PRINTED

IFSAC Evaluator's signature- RETEST

IFSAC EVALUATORS NAME - PRINTED

☐ I acknowledge **NOT** passing this skill station. _____

Candidate's signature



CANDIDATE TESTING PAGE – SKILL SHEET 4 (17.4.1)

Skill Sheet 4: Position Apparatus at Water Shuttle Fill Site

Standard: NFPA 1010 (1002), 2024 edition**Objective:** 17.4.1

TASK		Maneuver and position a mobile water supply apparatus at a water shuttle fill site, given a fill site location and one or more supply hose, so that the apparatus is positioned, supply hose is attached to the intake connections without having to stretch additional hose, and no objects are struck at the fill site.			
No.	Task Steps	1 st Attempt		2 nd Attempt	
		Pass	Fail	Pass	Fail
Acknowledge the task assignment to Evaluator.					
1.	Determine the correct position for the Mobile Water Supply Apparatus (MWSA) relative to the fill source.				
2.	Maneuver the apparatus safely into position.				
3.	Attach supply hose(s) to the intake connections without having to stretch additional hose.				
4.	Open the appropriate valve(s) for the intake connections and fill the water tank.				
5.	Close the appropriate valve(s) and disconnect the intake supply lines, properly placing them for the next fill operation.				
6.	Ensure no objects are struck at the fill site during maneuvering or operation.				
Notify evaluator when task is complete.					



OPERATIONS – 17.4

Skill Sheet 5: Position Apparatus at Water Shuttle Dump Site

Standard: NFPA 1010 (1002), 2024 edition

Objective: 17.4.2

TASK	Maneuver and position a mobile water supply apparatus at a water shuttle dump site, given a dump site and a portable water tank, so that all the water being discharged from the apparatus enters the portable tank and no objects are struck at the dump site.
CANDIDATE DIRECTIVE	The intent is to quickly and efficiently position the vehicle at an established dump site. The candidate must align the rapid dump valve(s) directly over the center of the portable tank with sufficient height to prevent splashing loss. Requires precise backing or forward maneuvering.
NFPA REQUISITE SKILL	The ability to determine a correct position for the apparatus, maneuver apparatus into that position, and avoid obstacles to operations. Operate the fire pump or rapid water dump system.
REQUIRED EQUIPMENT	Mobile Water Supply Apparatus (Tanker), Portable water tank (Fold-a-tank), Spotter/Safety cones (as obstacles).
REQUIRED ASSISTANTS	1

Evaluator/candidate comments:

IFSAC Evaluator's signature

IFSAC EVALUATORS NAME - PRINTED

IFSAC Evaluator's signature- RETEST

IFSAC EVALUATORS NAME - PRINTED

☐ I acknowledge **NOT** passing this skill station. _____

Candidate's signature



CANDIDATE TESTING PAGE – SKILL SHEET 5 (17.4.2)

Skill Sheet 5: Position Apparatus at Water Shuttle Dump Site

Standard: NFPA 1010 (1002), 2024 edition**Objective:** 17.4.2

TASK		Maneuver and position a mobile water supply apparatus at a water shuttle dump site, given a dump site and a portable water tank, so that all the water being discharged from the apparatus enters the portable tank and no objects are struck at the dump site.			
No.	Task Steps	1 st Attempt		2 nd Attempt	
		Pass	Fail	Pass	Fail
Acknowledge the task assignment to Evaluator.					
1.	Determine the correct and optimal positioning for the MWSA relative to the portable water tank.				
2.	Maneuver the apparatus safely into position, avoiding obstacles.				
3.	Chock the wheels of the apparatus.				
4.	Operate the fire pump or rapid water dump system correctly.				
5.	Ensure all the water being discharged from the apparatus enters the portable tank.				
6.	Close the appropriate valve(s) and restore the apparatus to road operation.				
7.	Ensure no objects are struck at the dump site during maneuvering or operation.				
Notify evaluator when task is complete.					



OPERATIONS – 17.4

Skill Sheet 6: Establish a Water Shuttle Dump Site

Standard: NFPA 1010 (1002), 2024 edition

Objective: 17.4.3

TASK	Establish a water shuttle dump site, given two or more portable water tanks, low-level strainers, water transfer equipment, fire hose, and a fire apparatus equipped with a fire pump, so that the tank being drafted from is kept full at all times, the tank being dumped into is emptied first, and the water is transferred from one tank to the next.
CANDIDATE DIRECTIVE	The system must guarantee uninterrupted water flow for the attack engine. Water is dumped into the furthest/empty tank, siphoned into the draft tank, and the draft tank must remain full throughout the operation.
NFPA REQUISITE SKILL	The ability to deploy portable water tanks. Connect and operate water transfer equipment. Connect a strainer and suction hose to the fire pump.
REQUIRED EQUIPMENT	Fire apparatus equipped with a fire pump (Attack Engine), Two or more Portable water tanks (minimum 1000 gal. capacity), Low-level strainer(s), Hard suction hose, Water transfer equipment (e.g., Jet Siphon or transfer pump), Appropriate tools and fittings.
REQUIRED ASSISTANTS	2

Evaluator/candidate comments:

IFSAC Evaluator's signature

IFSAC EVALUATORS NAME - PRINTED

IFSAC Evaluator's signature- RETEST

IFSAC EVALUATORS NAME - PRINTED

☐ I acknowledge **NOT** passing this skill station. _____

Candidate's signature



CANDIDATE TESTING PAGE – SKILL SHEET 6 (17.4.2)

Skill Sheet 6: Establish a Water Shuttle Dump Site

Standard: NFPA 1010 (1002), 2024 edition**Objective:** 17.4.3

TASK		Establish a water shuttle dump site, given two or more portable water tanks, low-level strainers, water transfer equipment, fire hose, and a fire apparatus equipped with a fire pump, so that the tank being drafted from is kept full at all times, the tank being dumped into is emptied first, and the water is transferred from one tank to the next.			
No.	Task Steps	1 st Attempt		2 nd Attempt	
		Pass	Fail	Pass	Fail
Acknowledge the task assignment to Evaluator.					
1.	Identify an appropriate and safe location for the water shuttle dump site.				
2.	Deploy two or more portable water tanks efficiently and safely.				
3.	Connect and operate water transfer equipment (e.g., jet siphons) between tanks.				
4.	Connect a strainer (low-level) and hard suction hose to the attack apparatus fire pump intake.				
5.	Correctly operate the attack apparatus pump for drafting and water transfer operations.				
6.	Conduct water drafting operations so the tank being drafted is not allowed to empty.				
7.	Ensure the tank being dumped into is emptied first.				
8.	Transfer water efficiently from one tank to the next to maintain continuous flow.				
Notify evaluator when task is complete.					