

Skill 19-3

Evaluation Checklist

Objective 12: Raise and lower an articulating water tower. [NFPA® 1002, 6.2.3]

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will raise and lower an articulating water tower. This skill requires two firefighters: one to operate the apparatus and one to assist as a spotter. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all procedures.

Resources

- Appropriate PPE
- Manufacturer's operator's manual
- Articulating water tower
- Instructor-approved objective (target)

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass ☐ Fail ☐

Evaluator Signature

Date

Student Signature

Date

Skills Evaluation Checklist

Objective 12: Raise and lower an articulating water tower. *[NFPA® 1002, 6.2.3]*

Task Steps		Yes	No
Raising the Articulating Water Tower			
1.	Stabilize the aerial apparatus. WARNING: Failure to properly stabilize the apparatus could result in tipping the apparatus.		
2.	Unlock the aerial device from its cradle (if so equipped).		
3.	Check the intended path of the aerial device for obstructions.		
4.	Elevate the aerial device.		
5.	Rotate the aerial device.		
6.	Extend the aerial device.		
7.	Lower the aerial device to the objective, positioning above the surface of the objective to a height indicated by the department's SOPs.		
8.	Activate all aerial device locks if so equipped. CAUTION: If the apparatus is equipped with a ladder, check personnel for proper fall protection equipment before allowing them to climb.		
Stowing the Articulating Water Tower			
9.	Remove all personnel from the aerial ladder before attempting any part of the lowering process.		
10.	Ensure the waterway system is drained.		
11.	Disengage all aerial device locks if so equipped.		
12.	Raise the aerial device away from its objective.		
13.	Retract the aerial device.		
14.	Rotate the aerial device until it is positioned directly above its travel cradle.		
15.	Lower the aerial device.		
16.	Ensure that the device is firmly seated and that the hold-down locks have engaged if so equipped or power the aerial into the cradle per manufacturer's recommendations.		
17.	Activate the hold-down locks if they did not automatically activate when the device was bedded if so equipped.		