Positive Pressure Water Source-

Candidate will be provided the following:

A crew of 3 firefighters (Including the candidate), one Class A engine, a positive pressure source (Either a tanker or hydrant which will provide them pressurized water).

Objectives:

The candidate will choose to lay in from the hydrant or relay point (predetermined), charge and pressurize a handline to the correct pressure, make connections from the hydrant or relay line and call for water, fill their on-board tank, and correctly preform a changeover with less than 10 PSI spike in pressure.

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| --- | --- | --- |
| Objectives | Points | Notes |
| All personnel correctly secured by seatbelts in the apparatus | 0/1 |  |
| Candidate is informed of the source type |  |  |
| Candidate spots to the hydrant/relay point | 0/1 |  |
| Candidate instructs FF to disembark and wrap hydrant OR disembark and wrap the relay point (Points awarded for proper line size selection) | 0/1 |  |
| Candidate lays hose in at speeds no exceeding 15 MPH, either leaving a FF at the hydrant OR bringing the FF with them from the drop point. | 0/1 |  |
| Candidate spots apparatus to the incident correctly. | 0/1 |  |
| Candidate engages parking brake and engages pump. | 0/1 |  |
| Candidate applies water to the pump and recirculates water | 0/2 |  |
| Candidate correctly chocks tires. | 0/1 |  |
| Candidate charges line after nozzle FF calls for water and sets PDP while water is flowing.Candidate disconnects line from the hose bed and correctly connects it to the correct pump intake(s). | 0/1 |  |
| Candidate calls for the hydrant/relay line to be charged. | 0/1 |  |
| Candidate preforms changeover from tank to hydrant water with LESS than 10 PSI spike. | 0/1 |  |
| Candidate immediately begins refilling their booster tank.  | 0/1 |  |
| Candidate correctly shuts down operations in a SAFE manner.  | 0/1 |  |
| Total Points awarded |  /15 |  |
| Pass/Fail |  |  |
| Retest Pass/Fail |  |  |

***Critical Failures:***

Candidate preforms an unsafe act at any time.

Candidate does not chock tires.

Candidate cavitates pump.

Candidate causes major pressure spike during changeover.

Candidate demonstrates failure grasping basic competencies

Evaluator:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Static Source-

Candidate will be provided-

A crew of 3 firefighters (including the candidate), one Class A engine, one tender company with one driver/operator and holding a drop tank.

Objectives-

Candidate will need to correctly set up a drafting operation as an attack company. The candidate will expel all but ¼ of their tank of water from a master stream, shut down operations, then restart operations and resume water flow. This will test the candidate’s ability to make connections and transition operations.

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| Objectives | Points | Notes |
| All personnel correctly seated and seatbelts fastened |  |  |
| Candidate is informed of defensive fire conditions. |  |  |
| Candidate spots apparatus in a position conducive to fire attack |  |  |
| Candidate sets parking brake and engages the pump |  |  |
| Candidate applies water to the pump and recirculates water |  |  |
| Candidate correctly chocks tires. |  |  |
| Candidate charges master stream and adjusts PDP while water is flowing. |  |  |
| Tender arrives and candidate either assembles, or instructs assembly of a drafting equipment |  |  |
| Candidate shuts down master stream with ¼ tank of water remaining.  |  |  |
| Candidate assures that the dump tank, hard suction hose, and connections are air tight. |  |  |
| Candidate assures all drains and valves are closed. |  |  |
| Candidate instructs tanker driver to dump water |  |  |
| Candidate instructs tanker driver to immediately retrieve water once his tank is empty. |  |  |
| Candidate idles truck to correct RPM’s and begins to pull a draft.  |  |  |
| Candidate watches for indicators that they have a prime. |  |  |
| Candidate IMMEDIATELY begins filling their on-board tank. |  |  |
| Candidate uses booster line to recirculate water into the dump tank. |  |  |
| Candidate resumes fire attack operations.  |  |  |
| Candidate safely shuts down operations when instructed to. |  |  |
| Total Points Awarded |  /23 |  |
| Pass/Fail |  |  |
| Retest Pass/Fail |  |  |

***Critical Failures***

Candidate preforms an unsafe act at any time during testing.

Candidate fails to achieve a prime.

Candidate cavitates pump, or unnecessarily wastes water.

Candidate does not instruct tanker driver to refill once empty.

Candidate fails to demonstrate a basic grasp of competency.

Evaluator\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Miscellaneous Tasks

Candidate will be provided the following:

One Class A engine, one support vehicle, each of which must contain a portable generator, extension cords, portable scene lights, chainsaws with spare cutting chains, a K-Saw with spare blades, a foam eductor, 5 gallons Class A, 5 gallons Class B foams. The candidate will have one assistant firefighter for the educator evolutions, all others are preformed alone.

Objectives:

This will demonstrate the candidate’s ability to quickly solve problems that may occur on the fireground. The setup, operation, repair, replacement, and assembly of the above equipment must be preformed quickly and correctly, with an operational knowledge of the equipment. This assures that the candidate is able to operate all equipment used by SCVFD personnel during fire and rescue operations.

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| --- | --- | --- |
| Lighting |  |  |
| Candidate is instructed to assemble scene lighting for an extended auto extrication |   |  |
| Candidate assembles all correct equipment. |  |  |
| Candidate starts generator correctly, troubleshooting as they go for malfunctions. |  |  |
| Candidate collects scene lights and extension cord and assembles them together and assures functionality. |  |  |
| Total Points |  |  |
| Pass/Fail |  |  |
| Retest Pass/Fail |  |  |

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| --- | --- | --- |
| Saws |  |  |
| Candidate is brought a chainsaw and a K-Saw, and is told that the cutting edges are worn and must be replaced. |  |  |
| Candidate assembles all necessary tools. |  |  |
| Candidate correctly disassembles saw. |  |  |
| Candidate correctly replaces the cutting device. |  |  |
| Candidate checks fuel and oil levels before returning the tool to service. |  |  |
| Total Points |  |  |
| Pass/Fail |  |  |
| Retest Pass/Fail |  |  |

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| --- | --- | --- |
| Foam |  |  |
| Candidate will be informed that a foam operation is required for an interior overhaul line.  |  |  |
| Candidate correctly chooses Class A foam, but explains uses and correct percentages for Class B foam. |  |  |
| Candidate verbalizes shutting down the handline. |  |  |
| Candidate places eductor between the first section of hose from the pump panel and the following sections. |  |  |
| Candidate selects a proper percentage. |  |  |
| Candidate uncaps foam container and places eductor inside.  |  |  |
| Candidate verbalizes recharging the handline, and informs instructor of correct PDP to achieve the desired effect. |  |  |
| Total Points |  |  |
| Pass/Fail |  |  |
| Retest Pass/Fail |  |  |