



Fire Fighter I Certification

Skill # 17 Water supply-reverse lay	Maximum Time Allowed: 30 min.								
INSTRUCTIONS TO THE CANDIDATE									
As an individual candidate will, perform a reverse lay, connect a fire engine to a fire hydrant and direct the reloading of supply hose. Candidates shall perform task while wearing full PPE.									
CANDIDATE PERFORMANCE	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="padding: 2px;">1st Attempt</th> <th colspan="2" style="padding: 2px;">2nd Attempt</th> </tr> <tr> <th style="padding: 2px;">Yes</th> <th style="padding: 2px;">No</th> <th style="padding: 2px;">Yes</th> <th style="padding: 2px;">No</th> </tr> </thead> </table>	1 st Attempt		2 nd Attempt		Yes	No	Yes	No
1 st Attempt		2 nd Attempt							
Yes	No	Yes	No						
CONNECTION TO A FIRE HYDRANT, REVERSE LAY									
Evaluator tells candidate "Engine 1 has arrived on scene at a reported structure fire and is going to perform a 'fast attack' and needs Engine 2 to provide them water from the nearest hydrant." Evaluator acting as company officer directs candidate to mount apparatus (Engine 2) to simulate a response to a fire scene. Apparatus shall move forward to Engine 1's location and come to a complete stop alongside Engine 1.									
Candidate has informed the evaluator that they have been trained in this skill ♦	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> <td style="width: 25px; height: 20px;"></td> <td style="width: 25px; height: 20px; background-color: black;"></td> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Candidate is seated on Engine 2 (seat belts fastened) and apparatus moves forward to simulated structure fire and come to a complete stop before candidate exit apparatus	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Candidate and evaluator will exit apparatus at Engine 1's location. Evaluator tells candidate: "Pull Engine 2's supply hose and prepare to make a reverse lay."									
Candidate exits Engine 2, pulls end of supply hose from hose bed, grabs hose adapters and other necessary tools (if applicable), for the connection to intake on Engine 1.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Anchors hose to a secure object or ground and provides enough extra hose to make connection without delay.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Signals to driver/operator of Engine 2 to proceed to hydrant after completion of all the above steps	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Verbalizes that they would inform Engine 1 driver/operator prior to connection to the intake.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Makes connection to intake on Engine 1 after Engine 2 comes to a stop at hydrant.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Communicates with evaluator when the connection has been made and Engine 1 is ready for water.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Driver/operator lays 100-200 feet of supply hose before coming to a stop at fire hydrant									
Evaluator acting as company officers tells candidate "The driver operator on Engine 2, who is parked at the hydrant, is unable to get Engine 2 into pump gear. They need assistance with the connection to the hydrant and completion of the reverse lay. Proceed to Engine 2's location and assist the driver/operator.									
When candidate arrives at Engine 2 Driver/Operator tells candidate: "I am attempting to put the engine in pump, I need you to connect the reverse lay to a discharge outlet, pull additional supply hose and make the connection to the hydrant, connect supply line to inlet, open the hydrant and supply water."									
Retrieves all tools and hose adapters (if applicable) necessary to make the connection to discharge outlet on Engine 2 and makes the connection.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Communicates with Engine 2 Driver/Operator that the connection has been made and they will now catch the hydrant.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Pulls end of supply hose from hose bed or compartment, grabs hydrant wrench and other hose tools for the connection of Engine 2 to hydrant.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Prior to connecting supply hose to hydrant candidate checks caps on hydrant, briefly flushes hydrant, and places any valves, etc. (if applicable).	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Opens hydrant valve completely, charges supply hose with water. ♦	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Communicates with Engine 2 Driver/Operator that water has been supplied.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Evaluator acting as company officer tells candidate to shut off hydrant, break down hose lines, disconnect supply line from fire engine and prepare hose for reloading on fire apparatus. (Candidates, driver/operator and evaluators may help reload hose. However, the candidate being evaluated must make all decision about the exact reloading methods and procedures).									
Directs the reloading of supply hose with a flat load that hose bed was originally loaded with so that it is free of water, tangles and air and is placed in an organized fashion ready for redeployment	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Directs the reloading of a flat load with the proper use of "Dutchman's" at necessary couplings.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
All hose tools and equipment is returned to original locations.	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								
Total steps candidate must complete to pass:	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px; text-align: center;">13</td> <td style="width: 25px; height: 20px;"></td> <td style="width: 25px; height: 20px;"></td> <td style="width: 25px; height: 20px;"></td> </tr> </table>	13							
13									
Total	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 25px; height: 20px;"></td> </tr> </table>								

♦Critical Step - Failure on this step results in failure of the entire skill.

Candidate Name _____

1st Evaluator Signature _____ Date _____

2nd Evaluator Signature _____ Date _____



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Skill # 17 Water supply-reverse lay

Objective(s): 5.3.15, 5.3.2, NFPA Standard 1001 2008 Edition

INSTRUCTIONS TO THE PROCTOR/EVALUATOR

Candidate should add a gate valve to opposite 2 ½" hydrant discharge than the discharge they are connecting too, if forward lay is done with 3" supply line. Gate valve is optional if forward lay is done with LDH. Burst Hose should be rolled in a single roll with male coupling out. Candidate should verbalize that they would tag the hose with an explanation of what is defective with the hose. Evaluator and assistant will help candidate reload hose, however candidate must direct their actions.

Proctor/Candidate Comments

I was informed of the task steps missed that resulted in the failure of this skill and the OSU-FST re-test policies.

Candidate Signature

Date