



MAKE & BREAK (2023)



Required Equipment: Score sheets, clip board, pen, (2) stopwatches, (3) orange cones, (3) 50' sections of 2 ½" hose, 2 ½" nozzle, hydrant wrench, 2 ½" hydrant gate (ball or gate valve), pop-up tent or shelter with equipment to secure to the ground.

Required Participant Personal Equipment: Firefighting Structural Helmet, Bunking Coat, Bunking Pants, Bunking Pants Suspenders, Bunking Boots, and Structural Firefighting Gloves

Objective: To demonstrate basic firemanship by making and breaking the couplings of a 150' long, 2 ½" attack line, as safely and quickly as possible.

Evolution: Team will stand single file behind cone #1, which is located 10' behind the hydrant. All members of the team shall remain behind this cone until tagged. Prior to starting, the evaluator will confirm the hydrant gate and hydrant wrench are properly placed at the start line and indicate the direction of the fire. Upon verifying the team is ready the evaluator will give the command "GO" The first participant will complete the following steps in the order listed:

Make the Hydrant - Take the gate valve and wrench from the ground and proceed to the hydrant, while standing behind the hydrant, remove both 2 1/2 inch port caps and assure the steamer port cap is tight. place the wrench on the operating nut. Check and announce the presence of a gasket in the gate valve. Confirm and announce the gate valve is closed and **connect the gate valve to the port facing away from the fire.**

Make the hose - Take the 2 ½ inch hose from in front of the hydrant, check and announce the presence of a gasket. Connect the hose to the unused port of the hydrant (Port opposite the gate valve). All connections must be hand tight. Proceed down the hose lay around cone #2 and connect each successive coupling hand tight. Check and announce gasket at each coupling. Hose shall have no twists when coupling is made.

Make the nozzle - At the last hose fitting connect the nozzle. Place the connected nozzle on the ground and proceed around cone#3.

Break the nozzle - Continue around cone#3 and return to the nozzle. Disconnect the nozzle and stand it on the threaded end. Lay the hose fitting back on the hose so the fitting is protected.

Break the hose - Return down the hose lay and disconnect the couplings. ***NOTE: Dropping a fitting from above ankle height is a five second penalty.*** Assure the fitting is replaced on top of the hose and there are no twists in the hose.

Break the hydrant - After breaking the hose connection at the hydrant, disconnect the hydrant gate and replace both port caps on the hydrant. Tighten the caps with the wrench. Take the hydrant gate and the wrench to the start line and handoff both to the next competitor who will immediately repeat the evolution.

Rules: Time will begin when the evaluator says "GO". This event will be scored individually and as a team. Individual time will end when the participant has handed off the gate valve and wrench to the next competitor. Team time will end when the last person has crossed the Start/Finish line. There is no maximum time limit for this event

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Penalties: All participants must stand behind the hydrant when breaking caps. **Failure to do so is a 10 second penalty.**

Dropping any cap or coupling from above ankle height.

Failure to go around a cone.

Failure to check for and announce gasket.

Failure to tighten couplings hand tight or caps with wrench.

Failure to close gate valve, stand nozzle on end or fold coupling back on hose.

Leaving any corkscrew twists in hose.

Running during the evolution (running is considered when both feet are off the ground at the same time).

Each penalty, unless otherwise indicated, will add an additional 5 seconds to the time of the participant as well as the team.

