



Public Workshop & Equipment Rodeo Wichita Falls, Texas | February 5, 2024

Hydrant Frenzy Fun Event Rules

INTRODUCTION

1. This Hydrant Frenzy Event is a measure of the team's skill at assembling a hydrant properly and quickly. All parts will be assembled in the proper manner and the reassembled hydrant shall be tested by the judges for its ability to operate correctly.
2. Each team will be required to completely assemble a hydrant commonly utilized by a municipality. The event is timed with multiple teams assembling a hydrant at the same time or separately.
3. At the event there will be (2) or (3) (depending on number of competitors) fire hydrants that will be used by the participants. While one or more teams are competing, the next team will be staging at the next hydrant.
4. The Hydrant Frenzy Event will take place on Monday, February 5th from 8:00am-Noon.

ELIGIBILITY & MEMBERSHIP

5. Each Hydrant Assembly team shall consist of no more than 2 competitors and a coach.

REGISTRATION

6. To enter, follow the instructions on the Public Workshop Registration website **no later than Monday, January 29, 2024.**
 1. <https://txapwaworkshop.net/>
7. **No registration is available onsite.**
8. Each participant must sign a waiver.



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HOW YOU WIN

9. A time period of no more than ten (10) minutes shall be allowed for the judges to disassemble the hydrant. Once the judges have inspected all the parts, the competitors will be asked to assume the starting position of their choice. The head official will count down to “GO” to initiate the start of the competition. Once the team has completed assembling the fire hydrant, the competitors will raise their hands to signify that they are finished, and the judges will examine and open the hydrant to check for operability.
10. The **Official Time** for the Competitor’s turns will be the raw time to assemble the hydrant with any accrued penalties added. The Competitor with the fastest **Official Time** registered shall be declared the winner.

WHAT WINNING TEAM RECEIVES

11. Each First-Place team member will receive: Collectible Mini Fire Hydrant

COMPETITION

12. Fire hydrants will be totally disassembled by the Judges and Volunteers down to the lower barrel and shoe.
13. All competitors will be allowed to examine all the hydrant parts for five (5) minutes prior to the start of the competition. Each fire hydrant shall always contain the parts needed to completely assemble the fire hydrant.
14. The competitors will be allowed to position their tools and the hydrant parts where they want, with the stipulation that no tools or parts can be touching, and nothing may be placed inside the frame of the hydrant. Both hands must be empty and not touching the hydrant or any tools when the competition begins.



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EQUIPMENT & MATERIALS

15. All equipment is to be provided by EJ as In-Kind Material Sponsors, and the Local Host for Hydrant Frenzy Event.
16. The hydrant that will be used in the TX APWA competition will be the EJ Watermaster 5CD250.
17. Tools provided include:
 - Hydrant Operating Wrench
 - Nozzle Wrench
 - Ratchet with Allen drive for set screws
 - Stem/Valve seat Wrench
 - 1-15/16" socket
 - 1-15/16" open end wrench
 - Hold Down Nut Wrench
 - 1-hydrant seat removal tool (no guide)
 - 1-1/2" deep well socket

JUDGING

18. There shall be three (3) officials for each team, which could amount in a total of up to (9) judges overseeing a total of 3 competition hydrants.
19. The officials shall be responsible for timing the events, with the Head Official being the one to announce the START and STOP of the event. Each team's time as recorded by the official, plus any penalties accrued, shall be used to determine the official time for each team.
20. The officials shall watch for safety violations during the actual events and assess appropriate penalty times as required. During the time of the event not taken up by the actual competition, the officials shall see that all preparations for the event are accomplished in a safe manner.
21. There are three (3) judges per hydrant:
 1. Timing Judge – the Timing Judge is responsible for recording the three (3) times and any penalties that may be assessed.



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2. Umpire – the Umpire is responsible for checking all the bolts and caps to make sure that they are tight by using a hydrant wrench.
 3. Operations Judge – the Operations Judge is responsible for testing the hydrant and confirming the hydrant was assembled correctly.
22. The official time will stop when both competitors have placed their tools on the ground and have both raised their hands.

SAFETY

23. Safety equipment such as steel toe shoes and gloves will be required to be provided by each team member. Teams without proper personal protective equipment as described below will not be allowed to compete until they have obtained the proper personal protective equipment in a reasonable amount of time during the competition.

PENALTIES

24. The penalties will be in the form of a predetermined number of seconds added to the total time of the team's event time which will then be the OFFICIAL TIME of that event.
25. Penalties shall be:
1. Safety violation such as throwing of tools, PPE penalty, etc. (+10 seconds each)
 2. Procedural violation by any member of the team. This is a general penalty for actions of the team that may not specifically be covered in these rules but are of sufficient gravity to the Judges to warrant a penalty. (+10 second penalty)
 3. Hydrant parts not assembled correctly:
 1. Loose or missing hydrant bolt (+5 seconds each)
 2. Loose or missing nozzle caps (+5 seconds each)
 3. Seat assembly not tight or screwed in all the way (+10 second penalty))
 4. Loose hold down nut on weather cap or No attempt made with tool (+10 second penalty)
26. Hydrant is not completely facing forward (+10 second penalty)
27. Hydrant fails to operate correctly (DQ)
28. Hydrant is missing any parts (+10 second penalty)