

# MN SECTION AWWA HYDRANT HYSTERIA 2019

Waterous Pacer Version



## Rules and regulations

*Disclaimer: AWWA specifically does not endorse products and takes no position concerning the adequacy of such products or their compliance with any AWWA Standard.*

## RULES

R-1 Hydrant Hysteria Competition shall consist of no more than 2 persons per team. All persons on the team shall be current Individual or Utility Minnesota AWWA members and be registered as an attendee of the Annual Conference. The MN Section AWWA will verify membership and event registration prior to registering the team for the contest.

R-2 The Competition is a measure of the team's skill at assembling a hydrant quickly and accurately. All parts will be assembled correctly and hydrant shall be inspected by the judges for ability to operate correctly.

R-3 The event is timed. Two hydrants will be used simultaneously as two teams will have head-to-head trials but time to assemble is the deciding factor for competition.

R-4 A time of no more than 5 minutes shall be allowed for each team to place the hydrant parts on the floor in their desired configuration. Parts may not be preassembled on the floor. Once the judges have inspected all the parts the competitors will be asked to assume the ready position. The ready position is noted as both hands for each teammate must be empty and not touching the hydrant, its parts or any tools before the trial begins.

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The Head Official will count down to “Go” (example: 3, 2, 1, Go!) to initiate the start of the contest. 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 for correctness and open the hydrant to check for operability.

R-5 Time for the Competitor’s trial will be the raw score rounded to the closest second. Each competing team will be offered 2 trials with the raw score being their Official Time. Based on Official Time, the two teams with the lowest times will compete head-to-head for 1<sup>st</sup> and 2<sup>nd</sup> place and the two teams with the third and fourth lowest times will compete for 3<sup>rd</sup> and 4<sup>th</sup> place head-to-head. The 3<sup>rd</sup> and 4<sup>th</sup> place trial will be conducted before the 1<sup>st</sup> and 2<sup>nd</sup> place trial.

R-6 Before competition begins, the head judge will draw for pairing sequence. The drawn pairing sequence will be used for both trial 1 and trial 2. Each team will be required to compete on each of the two hydrants once. During the final trials which determine place finishes (i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup>) the team with the lowest Official Time will get first choice on hydrant selection (i.e. hydrant A or hydrant B) or may defer the choice.

R-7 Fire Hydrants shall be of the type complying with AWWA C502, “Dry Barrel Hydrant”. The size shall be 5 1/4”. All the hydrants used for competition will be identical for all Competitors’.

R-8 Tools for the event will be provided for each competing team. No other tools will be substituted nor be an addition. The tools provided shall be:

- 2 ½” ratcheting wrench
- 2 15/16” socket
- 1 Standard hydrant operating wrench
- 1 Combination socket
- 1 Waterous seat wrench

R-9 All hydrants utilized in the Hydrant Hysteria contest are new or nearly new and are in perfect working condition. THE HYDRANT MUST WORK OR A PENALTY WILL BE INCURRED. Any tools, equipment, and other supplies provided for this competition that are broken during a trial will be considered to be broken by neglect of the team and will not be replaced during their trial.

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## JUDGING

J-1 The officiating and supervision of each event shall be the responsibility of the Head Official who shall have extensive experience in hydrant maintenance and total familiarity with the type and manufacturer of the hydrant to be used in the competition. An officiating team shall be composed of three officials.

J-2 The officials and two timers shall be responsible for timing each trial with the Head Official being the one to announce the start. Each competing team's median raw score shall be recorded plus any penalties accrued. The Head Official shall oversee the competition and after consulting with the other officials of any infraction of the rules shall make the ruling for any penalties to be assessed. The sum of the raw score, penalties and rule infractions will equal the competing teams official time.

J-3 The Head Official shall see that all tools, parts and team members are in the required positions prior to starting the trial. The Head Official shall also ensure the work area is free from any obstructions or spectators.

J-4 The officials shall watch for safety violations during the event and shall see that all preparations for the event are accomplished in a safe manner.

## SAFETY

S-1 Standard water utility safety practices will be observed during the competition.

S-2 Safety equipment required for all participants must be:

- A) Head protection for both team members shall be worn during the event. The head protection (Hard Hats) shall conform to American National Standard Safety Requirements for Industrial Head Protection (Z89.1-1969). If a hard hat falls off or is knocked off a team member, the hat must be replaced on the team members head as soon as possible or a safety violation will be imposed. Head protection is not to be worn backward. Note: "as soon as possible" is at the discretion of the Head Official.
- B) Eye protection (Glasses or Goggles) are required to be worn by both team members during the hydrant contest. Eye protection must conform to American National Standard for Occupational and Education Eye and Face Protection (Z 87.1-1968).
- C) Gloves are required to be worn by both team members. Gloves shall be full-fingered and suitable for construction related tasks. Lab type gloves such as

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latex material and gloves without complete fingers are not acceptable for the contest. Sport gloves with full fingers are allowed.

- D) Foot Protection shall be required to be worn by both team members and shall conform to the American National Standard for Men's Safety toe foot wear, (Z41.1-1967 worn). Sneakers and dress shoes that meet this standard are also allowed.
- E) Short Sleeved shirts and long-legged trousers are required to be worn by both members of the team during the event.

S-3 Tools must be placed down and then hands raised above shoulders for the trial to be complete. NO DROPPING OF TOOLS!

## PENALTIES, RULE INFRACTIONS & SAFETY VIOLATIONS

P-1 Penalties will be assessed and added to a competing team's raw score for any penalty, rule infraction or violation of safety practices.

P-2 All penalties will be in the form of a predetermined number of seconds added to the trials raw score.

P-3 Penalties shall be (seconds):

- A) Hydrant parts not assembled correctly,
  - 1) Loose hydrant bolt – *Not wrench tight* (+5 each)
  - 2) Loose nozzle caps - *Not wrench tight* (+5 each)
  - 3) All other hydrant parts (+5 each)
- B) Hydrant is not completely facing forward. Pumper must line up with the base for it to be straight. (+10)
- C) Hydrant is not within one turn or less from being closed (+5)
- D) Hydrant is missing parts (+10)
- E) Safety violation, (throwing of tools, personal protective equipment penalty, etc.) (+10 each)
- F) Hydrant fails to operate correctly (+2:00)

P-4 In the event of any disagreement on an assessed penalty decision, the Head Official's decision is final.

P-5 There will be NO INSTANT REPLAY allowed for reversing any decision after the Head Official has made a final determination on any infraction in these rules.