

**Backflow Prevention  
Assembly Testers Course  
Billings  
October 16 - 21, 2023**

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**Course Instructor:**

**Curtis Hester** is retired from the United States Air Force. He is currently the plumbing shop foreman at Malmstrom Air Force Base in Great Falls. Curtis has been a certified tester and backflow manager at Malmstrom AFB for over 25 years.

**Course Description:**

A series of lectures followed by guided exercises in a wet lab will provide understanding of field testing methods on 4 backflow prevention assemblies: pressure vacuum breakers, spill resistant vacuum breakers, reduced pressure principle assemblies, and double check assemblies. Students will gain knowledge in hydraulics, backflow and backsiphonage, types of cross connections, and degrees of hazard and state and federal regulations. Friday afternoon participants can take a written exam and on Saturday morning can take a practical exam administered by the American Backflow Prevention Association (ABPA). Passing scores on both the exams will result in certification by ABPA as a backflow prevention assembly tester. For more information on ABPA see the back of this training announcement or go to their website [www.abpa.org](http://www.abpa.org).

**ABPA Certification Program:**

The American Backflow Prevention Association's Certification Program, recognized by the state of Montana, assists the administrative authority in assuring that backflow prevention assembly testers are receiving proper training and can demonstrate their understanding of that training in a validated examination process. When a tester successfully completes a written and practical exam ABPA awards a certificate. Testers can present the certificate to employers to demonstrate their understanding of backflow prevention and cross-connection control and the ability to perform a field test of a backflow prevention assembly.



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Water & Wastewater utility operators and managers; plumbers; fire fighting personal, and others interested in backflow testing are invited.



# Backflow Prevention Assembly Testers Course

## Billings

October 16 - 21, 2023

## REGISTRATION FORM

**WHERE:** Billings Public Utilities Department  
2251 Belknap Avenue

**COURSE FEES:** \$875 by September 20, 2023 (Oct. 16-20 /class materials) **New Certs-Full Course & Manuals**  
\$400 by September 20, 2023 (Oct. 18-20/class only) **Recerts Only - No Manuals**  
\$250 by September 20, 2023 (Oct. 16-17/class materials) **For Information Seekers Only**  
\$ 50 by September 20, 2023 (Oct. 20 morning only) **Recerts wishing only to take the exam**  
**REGISTRATION CLOSES September 20, 2023 — NO EXCEPTIONS**  
**SPACE IS LIMITED TO 15 PEOPLE — REGISTER FAST!!**

**EXAM FEE:** Register online with ABPA and pay the appropriate exam fee (\$185 ABPA member \$215 non ABPA member) by September 20, 2023. Go to: <https://www.abpa.org> to register. Click on the word "more" to the right of the word Calendar on the right side of the home page. Click on Billings. The screen login appears. ABPA members sign in. If you are not an ABPA member click on Continue as Guest. Complete the registration form and pay.

**CECs:** up to 3.6 for water & wastewater operators

**COURSE MATERIALS:** Course materials will be mailed upon receipt of payment. The USC FCCCHR Manual of Cross-Connection Control 10th Edition and the Montana Backflow Prevention Assembly Testers Manual are used for this course. Those recertifying should already have these manuals and must bring them to class. If you no longer have these manuals the fee is \$100 for a set.

**DAY 1: Monday, October 16, 2023**

- 9:00 am Registration
- 9:30 am - 4:30pm
  - Lecture
  - Montana Rules & Regulations
  - Responsibility, Liability, and Authority
  - Hydraulics & Test Kits
  - Connections & Unapproved Devices
  - Special Application Devices
  - Cross Connection Control
  - Reduced Pressure Principle Assemblies (RP)

**DAY 2: Tuesday, October 17, 2023**

- 8:00 am -4:30pm
  - Reduced Pressure Principle Assemblies (RP)
  - Double Check Assemblies (DC)
  - Associated Hydraulics & Maintenance & Repair
  - Lab/Diagnostics/Troubleshooting

**DAY 3: Wednesday, October 18, 2023**

- 8:00 am - 4:30pm
  - Pressure Vacuum Breakers (PVB)
  - Spill Resistant Vacuum Breakers (SVB)
  - Atmospheric Vacuum Breakers (AVB)
  - Associated Hydraulics & Maintenance & Repair
  - Lab/Diagnostics/Troubleshooting

**DAY 4: Thursday, October 19, 2023**

- 8:00 am - 4:30pm
  - Reduced Pressure Principle Assemblies (RP)
  - Double Check Assemblies (DC)
  - Pressure Vacuum Breakers (PVB)
  - Spill Resistant Vacuum Breakers (SVB)
  - Lab/Diagnostics/Troubleshooting
  - Practice Exam

**DAY 5: Friday, October 20, 2023**

- 8:00 am - Noon
  - Lecture Review & Lab Testing
- 1:00 - 5:00 PM
  - ABPA Written Exam only for New and Recerts

**DAY 6: Saturday, October 21, 2023**

- 8:00 am
  - ABPA Practical Exam Only for New and Recerts

**PREREGISTRATION:** Pre-registration is absolutely necessary! Complete this form and return it along with your course payment BY September 20, 2023. Space will be forfeited if payment is not received prior to the training.

**Space is limited to 15 people!!**  
**Registration closes September 20, 2023.**

A cancelled registration after September 20, 2023 will be refunded at 50%. Please call MRWS at (406) 454-1151 for more information.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

ST \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

EMPLOYER \_\_\_\_\_

EMAIL \_\_\_\_\_

[ ] New Certification

[ ] Recertifying - Certification # \_\_\_\_\_

**Indicate Amount & Method of Payment**

Amount \$ \_\_\_\_\_

[ ] Check # \_\_\_\_\_ [ ] PO # \_\_\_\_\_

Credit Card: [ ] Master Card or [ ] Visa

Card #: \_\_\_\_\_

Security Code #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Card Holder Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Send Payment to:

**MRWS**  
**525 Central Avenue, M6**  
**Great Falls, MT 59401**

**Fax: (406) 454-3116**

**Email: MTRuralWater@mrws.org**