

Backflow Prevention Assembly Testers Course Bozeman

November 15 - 20, 2021

Course Instructor(s):

Ray Hedglin is retired from the city of Bozeman's distribution department where he worked for over 25 years. He's been a part of METC's backflow prevention program since 1993. Ray is an ABPA certified backflow prevention assembly tester and cross connection control specialist.

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:

Lectures are 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 back-siphonage, types of cross connections, and degrees of hazard and state and federal regulations. Friday afternoon is the written exam and Saturday morning is the practical exam administered by the American Backflow Prevention Association (ABPA). Passing scores on both the exams result in certification by ABPA as a backflow prevention assembly tester. For more information on ABPA go to their website 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, local jurisdictions and states to demonstrate their understanding of backflow prevention and cross-connection control and the ability to perform field tests of a backflow prevention assemblies.

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GREAT FALLS, MT
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Montana Rural Water Systems, Inc.
525 Central Avenue, M6
Great Falls, MT 59401



PLEASE NOTE:

New Course Provider

Presents

Backflow Prevention Assembly Testers Course

Bozeman

November 15 - 20, 2021



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



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REGISTRATION FORM

PREREGISTRATION: Pre-registration is **absolutely necessary!** Complete this form and return it along with your course payment **BY October 20 2021.** Space will be forfeited if payment is not received prior to the training.

Space is limited to 15 people!!
Registration closes October 20, 2021.

A cancelled registration after October 20, 2021 will be refunded at 50%. Please call MRWS at (406) 454-1151 for more information.

WHERE: Bozeman Public Utilities Department
814 North Bozeman Avenue

COURSE FEES: \$875 by October 20, 2021 (Nov. 15-19/class materials) **New Certs-Full Course & Manuals**
\$400 by October 20, 2021 (Nov. 17-19/class only) **Recerts Only - No Manuals**
\$250 by October 20, 2021 (Nov. 15-16/class materials) **For Information Seekers Only**
\$ 50 by October 20, 2021 (Nov. 19 morning only) **Recerts wishing only to take the exam**
REGISTRATION CLOSSES October 20, 2021 — NO EXCEPTIONS
SPACE IS LIMITED TO 15 PEOPLE — REGISTER FAST!!

EXAM FEE: Register online with ABPA and pay the exam fee (\$165) by October 20, 2021. Go to: <http://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 Bozeman. 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.

NAME _____
ADDRESS _____
CITY _____
ST _____ ZIP _____
PHONE _____
EMPLOYER _____
EMAIL _____

[] New Certification [] Recertifying

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

DAY 1: Monday, November 15, 2021

- 9:00 am Registration
9:30 am - 4:30pm
- Lecture
 - Status of State Program
 - Responsibility, Liability, and Authority for Prevention
 - Hydraulics & Test Kits
 - Connections & Unapproved Devices
 - Special Application Devices
 - Cross Connection Control

DAY 2: Tuesday, November 16, 2021

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

DAY 3: Wednesday, November 17, 2021

- 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, November 18 2021

- 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, November 19, 2021

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

DAY 6: Saturday, November 20, 2021

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