

**Backflow Prevention
Assembly Testers Course
Missoula
January 14 - 19, 2019**

Course Instructor:

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.

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.

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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Montana Environmental Training Center
MSU-Northern
P.O. Box 7751
Havre, MT 59501



**The Montana Environmental
Training Center**

Presents

**Backflow Prevention
Assembly Testers Course
Missoula
January 14 - 19, 2019**



Water & Wastewater utility operators and managers; plumbers; fire fighting personal, and others interested in backflow testing are invited. This Backflow Testers Course will provides the knowledge and training needed to protect the integrity water systems.



Backflow Prevention Assembly Testers Course

Missoula

January 14 - 19, 2019

WHERE: Missoula County Airport Authority
5225 Highway 10 West

COURSE FEES: \$840 by December 28, 2018 (Jan. 14-18/class materials) **New Certs-Full Course Required**
\$370 by December 28, 2018 (Jan. 16-18/class only) **Recerts Only**
\$220 by December 28, 2018 (January 14-15/class materials) **For Information Seekers Only**
Recerts wishing only to take the exam may practice for free Friday morning (January 18)
REGISTRATION CLOSING DECEMBER 28, 2018 — NO EXCEPTIONS
SPACE IS LIMITED TO 15 PEOPLE — REGISTER FAST!!

EXAM FEE: Register online with ABPA and pay the exam fee (\$165) by December 28, 2019. Go to:
https://abpa.site-ym.com/events/event_list.asp to register. Click on the word "more" to the right of the word
Calendar on the right side of the home page. Click on Missoula. The screen login appears. ABPA members
sign in. If you are not an ABPA member click the Continue as Guest. Complete the registration form and pay.

CECs: up to 3.6 for water & wastewater operators

COLLEGE CREDIT: 3 credits available through MSU-Northern/METC's Water Quality Program. All University
fees apply. Please contact METC for separate registration and payment.

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, January 14, 2019

- 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, January 15, 2019

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

DAY 3: Wednesday, January 16, 2019

- 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, January 17, 2019

- 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, January 18, 2019

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

DAY 6: Saturday, January 19, 2019

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

In accordance with the Americans with Disabilities Act (ADA), METC will make reasonable modifications for persons with disabilities who wish to participate in its courses. To request an accommodation, contact Barb Coffman by December 28, 2018 to advise METC of the nature of your needed accommodation.

REGISTRATION FORM

PREREGISTRATION: Pre-registration is absolutely necessary! **Complete this form and return it along with your course payment BY December 28, 2018.** Space will be forfeited if payment is not received prior to the training.

Space is limited to 15 people!!
Registration closes December 28, 2018.

A cancelled registration after December 28, 2018 will be refunded at 50%. Call METC at 265 - 3763 for more information.

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:

METC
MSU-Northern
P. O. Box 7751
Havre, MT 59501