



2010 Backflow Preventer Testing Seminar



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**STATE BOARD OF PLUMBING
LANSING MICHIGAN
www.mpmca.org**

Course of Study:

- **Regularity of Occurrences**
- **Causes of Cross Connection**
- **Health Hazards**
- **8 Ways to Prevent Cross Connection**
- **How to Spot and Correct Defects**

PROTECT THE HEALTH OF
YOUR NATION

Working Together to Stop Backflow
Limited Space - Sign up Now

Register Today Limited Seating

Location & 2010 Dates

April 13-15, 2010

May 11-13, 2010

June 22-24, 2010

August 10-12, 2010

September 21-23, 2010

Nov. 30 – Dec. 2, 2010

**Classes start at 8:00 a.m.
end at 4:00 p.m.**

**Country Inn & Suites
6511 Centurion Dr.
Lansing MI 48813**

Exit 1 off I-496

**Hotel Room Reservations
517-827-7000**

Do not make your reservations at the Country Inn & Suites until you have received your class confirmation. Information will be sent to you at that time.

Lodging is not covered in registration fee. A group fee of \$86.99 plus tax per night has been negotiated at the hotel for single or double occupancy.

Note:

**Class confirmations
will be mailed one
month prior to class.**

Questions?
Call MPMCA
517-484-5500

Sponsored By:

Michigan Plumbing and Mechanical Contractors Association State Board of Plumbing, and the Michigan Department of Environmental Quality.

Instructor:

The Seminar will be conducted by Dennis Rapson, master plumber, mechanical contractor, certified backflow tester, & 27 years as plumbing inspector.

Class Content:

Tuesday:

Overview of the problem of cross connections. Review of case histories, causes, health hazards. Study of Department of Environmental Quality Rules, and Michigan Plumbing Code with regard to the protection of the Potable Water Supply. Review of American Society of Sanitary Engineering guide for the proper selection and use of backflow prevention devices. Description of the eight different ways to prevent cross-connections. Detailed study of reduced pressure type backflow preventer. Class instruction will include the use of films, and review quizzes to enforce the message of the instructor.

Wednesday:

Hands-on experience with various backflow preventers. Students will learn how to spot defects, and how to correct them. Instructor on hand to answer any questions, or help solve any problems during the hands-on testing experience.

Thursday:

Detailed instruction on varieties of backflow preventers by factory representatives of the various manufacturers. Representatives from the following companies will conduct mini-seminars on the intricacies of testing and repairing their particular devices:

BALFREY & JOHNSTON (REPRESENTING WILKINS)
DAVE WATSON ASSOCIATES (REPRESENTING WATTS) (AMES)
SALES SERVICE PLUS (REPRESENTING FEBCO)
MID-WEST INSTRUMENT (TEST EQUIPMENT)
V.E. SALES COMPANY (REPRESENTING CONBRACO)

Final Examination of Proficiency

Email - info@mpmca.org

Who Should

The seminar is open to master and journey plumbers, plus others who need to test backflow preventers at their place of employment.

What You'll Get

Upon satisfactory completion, Michigan licensed plumbers receive a State Approved certification for general testing and are qualified to repair or replace backflow devices. However, licensed plumbers must provide their license number and date of the license expiration. License plumbers must have current license to receive the backflow certification. If the license is expired a letter of completion will be issued limiting testing to the premises of their current place of employment.

Other graduates who are not licensed plumbers receive a letter of completion, limiting testing to the premises of their current place of employment only. They are not permitted to test in the field, install, or make repairs to backflow devices.

Participants will receive 21 hours (2.1 continuing education credits) MDEQ Division of Water Supply.

Under Act 54 – Plumbing Inspectors registration Act – Plumbing Inspectors will receive 24 continuing education credits, 16 specialty hours and 8 technical hours.

Complete the application form on the reverse side. The registration fee is \$670.00 and covers the three days of instruction, examination materials, three lunches, and six breaks. Each class is limited to 36 participants and licensed plumbers will receive an enrollment priority. Registration fee must accompany application form to be considered for acceptance.

Purchase orders are not accepted.

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" Certified Testers with a current Michigan plumbing license will be listed
" on our website.
" For a tester referral you must provide us with a company name, address,
" phone number and county.
" Home addresses and home phone numbers are not listed on our
" website unless you let us know that is what you want for your listing.
" If a company name is not provided, your listing will have your first name,
" last name, certification number, and plumbing license number listed.
"=====
"



To receive your first choice register as early as possible. Confirmations are sent one month prior to class date.

Cost

\$670

**3 Day
Course**

Also Offered

BACKFLOW PREVENTER TESTING REFRESHER COURSE

Cost is \$345.00

The instruction will be on:

1. Lawn Irrigation – Atmospheric Pressure,
2. Beverage Dispenser Protection,
3. Boiler Water Feed Protection,
4. Spill Proof Pressure Vacuum Breaker,
5. Review of A.S.S.E. Requirements and Application Charts,
6. Test Stands for trouble shooting + test stand for three and five valve method,
7. Video on troubleshooting,
8. Care of test kits.

Refresher Dates:

May 14, 2010

June 25, 2010

September 24, 2010

The Refresher class application is available on our website

www.mpmca.org

If you have any questions on this program please call MPMCA at the number below.

517-484-5500

FAX 517-484-5225

To attend the Refresher Class you must have previously attended and successfully completed the three day *Backflow Preventer Training Program.*

**Michigan State Board of Plumbing
&
Michigan Plumbing & Mechanical Contractors Association
APPLICATION**

2010 Backflow Preventer Training Program

Student Name _____

Home Street Address _____

City, State, Zip _____

Home Telephone _____

Company Name _____

Co. Street Address _____

City, State, Zip _____

Co. Phone (____) _____ Co. Fax (____) _____

County _____

Send Confirmation of Class Placement and Certificate Upon
Completion to: _____ Title _____

Home Address

Business Address

Classes are from
8:00 am to 4:00 pm

Please include mail
stop or division/title if
this will help assure
you receive this
confirmation.
Most sent UPS

All applications must include payment.

Purchase orders not accepted.

**Cancellations must be in writing, 10 days before class to
receive refund. No Phone reservations taken.**

Have you taken this class before?

Yes ___ No ___

Licensed Plumber? Yes ___ No ___

License Number: (Plumber license
must be current & expiration date provided)

Master _____ exp. date _____

Journey _____ exp. Date _____

Payment:

Check enclosed (\$670.00)

Mastercard Visa

Card # _____

Customer Code _____
(last 3 # on back of card in signature panel)

Expiration Date _____

Signature _____

We need the complete address of where the
credit card is billed.

St. Address _____

City _____

State _____ Zip Code _____

**Any declined credit card charges or returned
checks are subject to a \$30.00 service charge**

Please INDICATE your 1st, 2nd, & 3rd choice. If your first choice is not available, we will confirm your second choice. If your second choice is not available, we will confirm your 3rd choice. Each class is limited to 36 students. Licensed Plumbers will receive an enrollment priority. **Confirmation will be sent one month prior to confirmed class date.**

___ April 13-15, 2010

___ June 22-24, 2010

___ September 21-23, 2010

___ May 11-13, 2010

___ August 10-12, 2010

___ Nov. 30 - Dec. 2, 2010

Make Check Payable to and Return to:

Michigan Plumbing & Mechanical Contractors Association

PO Box 13100

Lansing, MI 48901

www.mpmca.org

Questions?? Call 517-484-5500 – Fax 517-484-5225 – E-Mail info@mpmca.org

Application forms must be completed in its entirety to be considered for Class Placement