



July 17-21, 2023



**IOWA ASSOCIATION OF
BUILDING MAINTENANCE
ENGINEERS
89TH ANNUAL
SCHOOL AND SUMMER CONFERENCE**

OFFERING CERTIFIABLE CLASSES ON:

***FACILITY / CUSTODIAL
HOUSEKEEPING/MAINTENANCE (ODD YEARS)**

***BUILDING MAINTENANCE MANAGEMENT (EVEN YEARS)**

***BOILER OPERATOR—LOW PRESSURE**

***BOILER OPERATOR—HIGH PRESSURE**

***BASIC AIR CONDITIONING & HEAT PUMPS**

***NEW THIS YEAR EPA 608**

**PLUS
ONE DAY OF SEMINARS**

WHO SHOULD ATTEND

The School is intended for the working or interested custodians, housekeepers, and building maintenance/mechanical personnel employed by health care facilities, schools, colleges, city & county governments, business and industry. Those responsible for the supervision of buildings and grounds will also benefit from attending.

ABOUT THE SCHOOL

The School has been held for many years, the purpose of which, is to provide continuing education and instruction for custodians, housekeepers, boiler operators, and anyone working with Building Maintenance. During the school, participants can take classes in:

Building/Custodial Housekeeping / Maintenance,
Building Maintenance Management,
Boiler Operator - Low and High Pressure
Basic Air Conditioning and Heat Pumps
Basic Electrical Concepts

New This Year EPA 608 Universal Technician

These classes will give instruction to participants so they may take the tests and become voluntarily certified in these areas. These classes will be held at the Quality Inn, Ames. If you are interested in taking these classes, please specify on the registration form or at www.iabme.com

Also offered is the ONE DAY SEMINAR. This one day seminar will be held at the Quality Inn, Ames, Thursday, July 20 There will be two "All Attend" Seminars, one in the morning and one in the afternoon. For the breakout sessions those attending may choose which 2 topics (of the 6) they wish to attend (one for morning and one for afternoon). Presenters may have exhibit tables set up for viewing during breaks and at the end of the day.

ATTENDANCE AT THE ONE DAY SEMINAR MEETS THE REQUIREMENT FOR BOILER OPERATOR CONTINUING EDUCATION OF 10 CEU'S EVERY 3 YEARS. Read further for information on classes and the one day seminar.

CERTIFICATION CLASSES

Full week classes include Building/Custodial Housekeeping/Maintenance, Building Maintenance Management, Boiler Operator, High Pressure Boiler Operator, Basic Air Conditioning & Heat Pumps, Basic Electrical Concepts and EPA 608. Please specify on the registration form which class you intend to enroll in. Only one class can be taken during the week as they run concurrently. Minimum class size is 6 students. If a class is less than 6, IABME Board Members will determine whether to continue with or cancel the class and persons registered will be given the option of a refund or another class. We strongly urge registrations be in the IABME office by July 7th, but will be accepted after that if classes are not full.

Exams covering all the classes offered during the week will be given Friday morning, July 21, beginning promptly at 8:00. Exam fees for all classes are included in the registration fee. If you plan to take the exam on Friday, July 21 to be voluntarily certified, you must fill out the application form by 3:00 PM Thursday, July 20.

INSTRUCTORS AND SPEAKERS

All the instructors for the school and summer conference are qualified by education and/or experience to meet the requirements for vocational instructors. The speakers & presentations listed for the one-day seminars will be presented by professional people working in the area related to the subject, but their presentations are required to be non-commercial.

1. FACILITY/CUSTODIAL HOUSEKEEPING / MAINTENANCE

(Odd Years)

This course intends to provide students with knowledge for housekeeping and custodial services along with some basic maintenance in a health care, school and public buildings. Objectives covered are responsibilities of housekeeping personnel, cleaning and inspection of resident rooms, class rooms and public areas of buildings. The course will focus on proper chemical usage, understanding dwell times for disinfectants and the ph scale, housekeeping's role in facility infection control plans, general knowledge of life safety issues and regulatory code compliance to enable student to identify issues and be able to report them to management, carpet care and housekeeping's role in maintaining facility indoor air quality, lessons learned from a pandemic and hospitality to make your program stand out. Classes will be held Monday, Tuesday, & Wednesday, with no class on Thursday so students may attend the seminar day. (This day is included in the full week fee.) Course time is 24 (plus) hour

2. BUILDING MAINTENANCE MANAGEMENT

(Even Years)

This class will introduce you to strategies and procedures for planning, implementing and evaluating an effective building maintenance program. Content of this class will include: *facilities maintenance planning, facilities audits (knowing what you have), providing a 'safe' environment, maintenance of institutional facilities, preventative building maintenance, use of maintenance forms and checklists, effectively managing staff and contractors, evaluating facilities maintenance efforts*. The materials used in this class will assist you in developing or enhancing an effective building maintenance program and will be beneficial to any person involved in the building maintenance field. Classes will be held Monday, Tuesday, & Wednesday, with no class on Thursday so students may attend the seminar day. (This day is included in the full week fee.) Course time is 24 (plus) hours.

3. BOILER OPERATOR-Low Pressure This course teaches the working principles of low pressure boilers, how to maintain the boiler in a safe working condition and what to do in an emergency. Classes Monday, Tuesday, and Wednesday. Optional class (per instructor) on Thursday so students can attend the seminar day. (This day is included in full week fee.) Course time is 24 (plus) hours.

4. BOILER OPERATOR-High Pressure

This class provides a comprehensive overview of the safe and efficient operation of high pressure boilers and related equipment. The latest combustion control technology as well as EPA regulations and their implications, are included. All aspects of high pressure boilers are discussed and illustrated. It is designed for both learners and for boiler operators intending to upgrade their

skills. Participants must currently hold a Low Pressure Boiler Operator certificate. Successful completion of course and exam will certify participants as a High Pressure Boiler Operator. This class meets Monday, Tuesday, and Wednesday. Optional class (per instructor) on Thursday so students can attend the seminar day. (This day is included in full week fee.) Course time is 24 (plus) hours.

5. BASIC AIR CONDITIONING AND HEAT PUMPS

This class will provide you with the basics on refrigeration and air conditioning concepts. System components and proper preventative maintenance procedures will be presented so each student will be able to safely and efficiently operate and maintain refrigeration, air conditioning or heat pump systems.

This class meets Monday, Tuesday, and Wednesday. No class on Thursday so students can attend the One Day Seminars. (This day is included in full week fee.) Course time is 24 (plus) hours.

6. BASIC ELECTRICAL CONCEPTS (Not Offered This Year)

This class will introduce the student to an understanding of electricity and the basics of working with electricity. Electrical safety and the National Electric Code will be stressed.

This class meets Monday, Tuesday, and Wednesday. No class on Thursday so students can attend the One Day Seminars. (This day is included in full week fee.) Course time is 24 (plus) hours. Plenty of 'hands-on' activity.

7. EPA 608 UNIVERSAL TECHNICIAN * NEW THIS YEAR*

This class will introduce the student to an understanding of the refrigeration cycle, refrigerant applications and blends, recovery equipment and procedures, ODP & GWP, cylinder safety and labels, leak detection and repair, the three R's: Recover, Recycle and Reclaim, compliance "need to knows", and Current regulations for owner/operators.

This class meets Monday, Tuesday, and Wednesday. No class on Thursday so students can attend the One Day Seminars. (This day is included in full week fee.) Course time is 24 (plus) hours.

SCHEDULE OF FULL WEEK CLASSES

Monday, July 17, 2023

8:00 –9:00 A.M. Registration.

Main lobby of Quality Inn Coffee and pastries served.

9:00 –9:30 A.M. Opening General Session

Welcome from the 2022-2024 IABME President, Justin "Benji" Benjegerdes

Introduction of officers and instructors.

Announcements.

9:30 -11:30 A.M. Meet in Classrooms to start Class

11:30-1:00 PM Lunch (on your own)

1:00-5:00 PM Resume classes.

Tuesday, July 18, 2023

8:00-5:00 PM Full Week classes

meet in their respective classrooms at Quality Inn. Lunch on your own.

6:30 PM Board of Director's Meeting

Quality Inn, Ames, Iowa

Wednesday, July 19, 2023

8:00-5:00 PM Full Week classes

meet in their respective classrooms at Quality Inn. Lunch on your own.

Thursday, July 20, 2023

8:00 - 8:30 AM Registration

8:30 - 9:45 AM All Attend Seminar

9:45 - 10:00 AM Break

10:00 - 11:30 AM Breakout Sessions

11:30 - 1:00 PM Lunch - Provided

1:00 - 2:30 PM All Attend Seminar

2:30 - 2:45 PM Break

2:45 - 4:00 PM Breakout Session

Friday, July 21, 2023

8:00 AM—CERTIFICATION EXAMS

Quality Inn. Exams given for voluntary certification for all FULL WEEK classes. No exams will be started after 10:00 AM.

Instructors will be on hand to answer questions following exams.

All those taking exams on Friday must turn in an exam application by 3:00 PM, Thursday, July 20. Exam fee is included in the registration fee.

LOCATION

The Annual Summer School and Conference, full week classes and the Thursday one day seminar will be held in the Quality Inn, 2601 E 13th St, Ames, Iowa right off of Exit 113 on I35 See map on page 6.

REGISTRATION AND FEES

We strongly encourage early registration. The registration fee for full week classes is \$675.00. This fee includes hand-out materials, books and exam fee and lunch on Thursday at the Quality Inn. The fee also includes attendance at the One Day Seminar for July 20th and first years membership dues.

The registration fee for a one day seminar is \$175.00. This fee includes hand-out materials, and lunch on Thursday.

TEXTBOOKS

All books will be available at the registration desk at school. Instructors may put together materials that cover more information and /or eliminate the cost of the high price of textbooks

FOR MORE INFORMATION

For registration questions, please call Justin or Amber at the IABME office.
The toll-free number is (833) 33-IABME, or (833) 334-2263.

PARKING

Parking is free at the Quality Inn and Suites

TELEPHONE

During the school, your phone messages can be left at the Quality Inn and Suites at 515-232-9260
or the IABME Office at (833) 334-2263

SUSTAINING MEMBERS

C.H. McGUINNESS CO., INC.
WWW.CHMCGUINNESS.COM
DES MOINES, IOWA
PHONE: (515) 262-5609
(800) 362-2256

Tim Hildreth Boiler Company
WWW.TIMHILDRETHCOMPANY.COM
PROLE, IOWA
PHONE:(515) 287-5882

JAYTECH INC.
WWW.JAYTECH.COM
MINNEAPOLIS, MN
PHONE:(855) 795-8555

LJ ROTH
RESTORATION SERVICES
OLDS, IOWA
PHONE:(800) 776-3473

REMOOBLE
WWW.REMOOBLE.COM
MINNEAPOLIS, MN
(833) 736-6683

WBC MECHANICAL
WWW.WBCMECH.COM
WATERLOO, IA
PHONE:(319)233-6101

CENTRAL IOWA WATER
Chemical Specialist
515-571-3178



SEMINAR DAY

THURSDAY - JULY 20, 2023

The Seminar Day is offered to acquaint those working in housekeeping and maintenance to receive instruction on the new methods and phases of housekeeping applications and to acquaint those responsible for maintenance of buildings and grounds with various methods of conserving energy and safety, as well as maintenance applications.

Instruction will be by lecture/demonstration, presented by professional people in the housekeeping and maintenance field. The first session will be attended by everyone. After a short break there will be 3 break out sessions to choose from for the second session. After Lunch everyone must attend the first session and then choose from 3 topics for their second afternoon session. Attendees choose which to attend. The registration fee for July 20 is \$175.00. **Due to circumstances beyond our control, a substitution of a class may be required, however, there are no refunds if we have a substitution.**

7:45 to 8:30 AM - Registration

8:30 to 9:45 AM - All Attend—OSHA Consultants—Safety on the Job—Presented by Chris Downs

9:45 to 10:00 AM Break

TOPICS — MORNING SESSIONS 10:00 AM to 11:30AM

1. Central Iowa Water—Boiler/Cooling Tower/Loop Water Treatment—Presented by Jeff Crouse
2. L.J. Roth—Insurance Damage and Recovery—Presented By Fred Roth and Dominique Cornick
3. Graham Construction—Construction Barriers—Negative Air Enclosures

11:30 to 1:00 PM - Lunch with Vendors

1:00 to 2:30 PM - All Attend—State Chief Boiler and PV Inspector—Boiler Inspection and Upkeep—Presented by Robert Bunte

2:30 to 2:45 PM Break

TOPICS — AFTERNOON SESSIONS 2:45 PM to 4:00 PM

1. WaterFurnace—Geo Thermal Heating and Cooling - Presented by Rick Rockacy
2. Ziegler Co.—Building Emergency Power Systems—Presented by Ziegler Cat of Des Moines
3. N.E. Iowa Response Group —Hazmat Overview—Presented By Mike Schipper

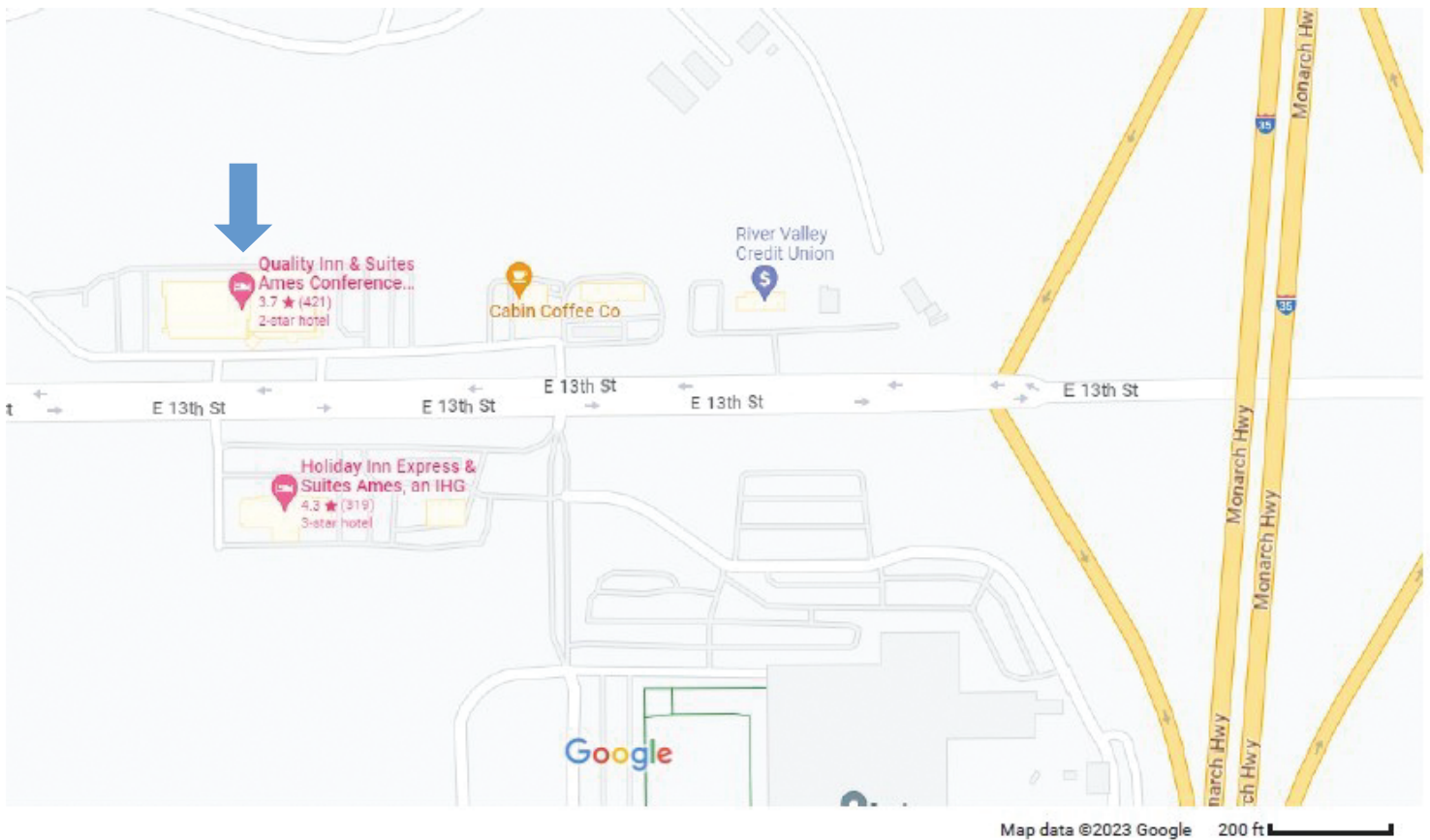
MORNING	TIME SESSIONS	AFTERNOON
8:30-9:45 A.M. Sessions		1:00-2:30 P.M. Sessions
9:45-10:00 A.M. Break		2:30-2:45 P.M. Break
10:00-11:30 A.M. Sessions	11:45-1:00 P.M. Complimentary Lunch with Vendors	2:45-4:00 P.M. Sessions

IABME Board of Directors 2022-2024

President: Justin Benjegerdes, Forest City
 President Elect: Todd Smith, Belmont
 1st Vice President: Todd Lee, Fort Dodge
 2nd Vice President: Heidi Seedorff, Sumner
 Senior At Large: Robert West, Des Moines
 Junior At Large: OPEN
 At Large: Greg VanVark, Pella

Jr. Past President: Randall Lowe, Buckingham
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 Instructor/Education: Randall Lowe, Buckingham
 Lead Instructor: Jim Oberle, Waverly
 Historian: Jim Oberle, Waverly
 Secretary/Treasurer: Greg VanVark, Pella
 Office Manager: Amber Bergland, Forest City

MAP TO QUALITY INN AND SUITES



GPS: Use the address: 2601 E 13th St, Ames, IA 50010

Parking: Park on the West side of The Quality Inn and Suites. This is free parking for those attending our IABME school.

LODGING INFORMATION

For your convenience, rooms have been reserved in a block at the Quality Inn and Suites, where we are holding the conference.

Be sure to reserve under the name of Iowa Association of Building Maintenance Engineers to receive discounted rates.

You may make your own lodging reservations. Please reserve early, as the rooms will be released from our discounted rate after July 7. Please mention IABME when

making your reservations. Reserve early, as it is a busy week in Ames.

Quality Inn and Suites

2601 E 13th St

Ames, Iowa 50010

Phone: (515) 232-9260

Rate: Varies by date and type of room

REGISTRATION FORM WEEK LONG CLASSES

Annual IABME School and Summer Conference July 17-21, 2023

One Registration per form please. Duplicate the form if needed, or register online at iabme.com

* Indicates Required Field

*Name: _____ Title _____

*Organization _____ Address _____

*Student's Home Address _____

*City _____ *State _____ *Zip Code _____

*Daytime Phone _____ Evening Phone _____

*Email Address _____

Week long classes \$675 (\$650 early registration before July 7th)

Fee stated includes all materials, books, exam fee, lunch on Thursday, also attendance at one day seminar.

ALL TEXTBOOKS ARE AVAILABLE AT TIME OF REGISTRATION.

YEARLY MEMBERSHIP DUES ARE INCLUDED WITH THE PAYMENT OF THE WEEK LONG CLASS.

FEES REFUNDED ONLY IF NOTIFIED BEFORE JULY 10, 2022.

Register for only one class. They run concurrently.

- | | |
|--|-------|
| <input type="checkbox"/> Low Pressure Boiler Operator | \$675 |
| <input type="checkbox"/> High Pressure Boiler Operator | \$675 |
| <input type="checkbox"/> Building Maintenance Management | \$675 |
| <input type="checkbox"/> EPA 608 Universal Technician | \$675 |
| <input type="checkbox"/> Basic Air Conditioning and Heat Pump Operations | \$675 |

PLEASE ALSO CHOOSE FROM THE SEMINARS BELOW, AS THOSE REGISTERED FOR THE WEEK LONG CLASSES WILL BE ATTENDING THE SEMINARS ON THURSDAY

ONE DAY SEMINARS

(Each one day seminar will be worth 4 C.E.U. s if you are in attendance for the entire day)

Thursday July 20th \$175.00 _____

Please check which seminar in the morning and which seminar in the afternoon you wish to attend. (Check 2 total. 1-AM 1-PM)

- | AM | PM |
|---|---|
| <input type="checkbox"/> Boiler/Chiller/Loop Water Treatment - CIW | <input type="checkbox"/> Building Emergency Power Systems - Ziegler Co |
| <input type="checkbox"/> Insurance Damage and Recovery - L.J. Roth | <input type="checkbox"/> Geo Thermal Heating and Cooling - WaterFurnace |
| <input type="checkbox"/> Construction Barriers - Negative Air Enclosures - Graham Const | <input type="checkbox"/> Hazmat Overview - N.E.I.R.G. |

TOTAL AMOUNT ENCLOSED\$ _____

YEARLY MEMBERSHIP DUES ARE NOT INCLUDED WITH ONLY ONE DAY SEMINAR PAYMENT.

Make checks payable to the Iowa Association of Building Maintenance Engineers (IABME). Payment can be billed.

We accept credit cards and Purchase Orders. Return registration in an envelope or FAX to: 833-334-2263

**Iowa Association of Building Maintenance Engineers
806 Forest Dr
Forest City, Iowa 50436**

Toll Free: 833-33-IABME (833-334-2263)

Text us @ 833-334-2263

Phone or FAX 833-334-2263

Iowa Association of Building Maintenance Engineers
806 Forest Dr
Forest City, IA 50436

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PLEASE FORWARD TO: CUSTODIAL DEPARTMENT
MAINTENANCE DEPARTMENT
FACILITY SERVICES DEPARTMENT

Address Correction Requested

89th ANNUAL SCHOOL
AND
SUMMER CONFERENCE
JULY 17-21, 2023

QUALITY INN AND SUITES
AMES, IOWA