Plumbing and Mechanical Systems Board
Continuing Education Committee Notes
February 19, 2010
Dial in: 1(866) 685-1580 Code #0009991700

Present: Jane Hagedorn, Tom Day, Mick Gage, Brita Van Horne, Cindy Houlson, Matt Oetker and Mary Swinehart

1. Call to order – Jane Hagedorn at 1 p.m.

2. Notes from February 12, 2010 approved
   Notes from February 16, 2010 with changes

Old Business

CEU requirements for specialty licenses

There was a discussion regarding changes needed in Chapter 30. Matt will incorporate the changes and present revised Chapter 30 at next meeting.

"30.4(2) Board approval. Board approval for an instructor under paragraph 30.4(1)*"a"* shall be valid for three years."

Change to two year approval for instructors.

CEU requirements for contractors – none

Geothermal will be considered at a later date. Following completion of the legislature session Chapter 29 will be reviewed for modification.

Discussion about Documentation

A discussion about documentation included requesting adequate documentation and how adequate is defined.

Review Blank Applications for Instructors and Courses

Discussion included concern to make clear what is being requested of applicant. Road map should be added to the information sheet. The group would like to have Stephanie Underwood involved with this discussion.

New Business C) = Course (E) = E-Learning (I) = Instructor

a) (I) Email #1 2/19 J. Horn
b) (I) Email #2 2/19 I. Hasan
c) (I) Email #3 2/19 R. Reno
d) (I) Email #4 2/19 N. Rodriguez
e) (C) Email #5 2/19 Installation and Trouble Shooting Furnaces (Instructor is pending on more information)
f) (I) Email #6 2/19 J. Brockway
g) (I) Email #7 2/19 K. Webster
h) (C) Email #8 2/19 Plumbing Based Residential Fire Protection Systems (Instructor approved for Plumbing Code & Discipline)

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i) (I) Email #9 2/19 R. Pettit
j) (C) Email #10 2/19 Electrical Safety/Lockout-Tagout 1926 Subpart K
k) (C) Email #11 2/19 Fall Protection 1926 Subpart M
l) (I) Email #12 2/19 J.M. Lawrence
m) (C) Email #13 2/19 Commercial Package Unit Start-Up & Service Training (instructor approved for Plumbing/Mechanical Code & HVAC)
n) (I) Email #14 2/19 C. Paeper
o) (I) Email #15 2/19 R. Behanish
p) (C) Email #16 2/19 OSHA 29CFR 1926 Regulations
q) (C) Email #17 2/19 Energy Code Update
r) (C) Email #18 2/19 Computerized Radiant Heating System Design
s) (I) Email #19 2/19 D. Harkness
t) (C) Email #20 2/19 Supervisory Drug & Alcohol Training
u) (C) Email #21 2/19 Condensing Boiler Service/Install Updates (Instructor approved for Plumbing/Mechanical Codes and All 4 Disciplines)
v) (C) Email #22 2/19 International Mechanical Code Update (Approved for All Course Contents)
w) (I) Email #23 2/19 J. Howe
x) (C) Email #24 2/19 Radiant Floor Heating – Sizing, Layout, Design
y) (C) Email #25 2/19 Flexible Gas Piping – Installation, Sizing, Safety
z) (C) Email #26 2/19 Backflow Prevention – Applications, Troubleshooting, Sizing
aa) (C) Email #27 2/19 Tankless Water Heaters – Sizing, Installation, Troubleshooting
bb) (C) Email #28 2/19 Water Heaters – Commercial Sizing, Residential Troubleshooting
cc) (I) Email #29 2/19 R Hiles
dd) (C) Email #30 2/19 Beginner Geothermal Troubleshooting
ee) (C) Email #31 2/19 Sizing Geothermal Systems
ff) (C) Email #32 2/19 Goodman/Amana R 410A
gg) (C) Email #33 2/19 PHCC-IA and IAPMO Plumbing Continuing Education – Council Bluffs
hh) (C) Email #34 2/19 PHCC-IA and IAPMO HVAC CEU – Council Bluffs
ii) (C) Email #35 2/19 PHCC IA and IAPMO Plumbing CEU – Des Moines
jj) (C) Email #36 2/19 PHCC IA and IAPMO HVAC CEU – Des Moines
kk) (C) Email #37 2/19 PHCC IA and IAPMO HVAC CEU – Waterloo
ll) (C) Email #38 2/19 PHCC IA and IAPMO Plumbing CEU- Waterloo
mm) (C) Email #39 2/19 PHCC IA and IAPMO HVAC CEU – Bettendorf
nn) (C) Email #40 2/19 PHCC IA and IAPMO Plumbing CEU – Bettendorf
oo) (C) Email #41 2/19 Secondary Coolant Systems for Supermarkets

Next Meeting

Wed., March 10, 2010 3-5 p.m. Room 524
Wed., March 24, 2010 3-5 p.m. Room 518

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Roadmap 2/10

Criteria used to approve instructors and courses

Safety

OSHA Training Course Requirements

#500 - Trainer Course in OSHA Standards for Construction

This course is designed for personnel in the private sector interested in teaching the 10- and 30-hour construction safety and health outreach program to their employees and other interested groups. Special emphasis is placed on those topics that are required in the 10- and 30-hour programs as well as on those that are the most hazardous, using OSHA standards as a guide. Course participants are briefed on effective instructional approaches and the effective use of visual aids and handouts. This course allows the student to become a trainer in the Outreach Program and to conduct both a 10- and 30-hour construction safety and health course and to issue cards to participants verifying course completion. Prerequisites: Course #510 and five years of construction safety experience. A college degree in occupational safety and health, a Certified Safety Professional (CSP), or Certified Industrial Hygienist (CIH) designation, in the applicable training area may be substituted for two years of experience. NOTE: Students in Course #500 who wish to participate as authorized trainers in the Outreach Program must successfully pass a written exam at the end of the course. Outreach trainers are required to attend Course #502 at least once every four years to maintain their trainer status.

#501 - Trainer Course in OSHA Standards for General Industry

This course is designed for personnel in the private sector interested in teaching the 10- and 30-hour general industry safety and health outreach program to their employees and other interested groups. Special emphasis is placed on those topics that are required in the 10- and 30-hour programs as well as on those that are the most hazardous, using OSHA standards as a guide. Course participants are briefed on effective instructional approaches and the effective use of visual aids and handouts. This course allows the student to become a trainer in the Outreach Program and to conduct both a 10- and 30-hour general industry safety and health course and to issue cards to participants verifying course completion. Prerequisites: Course #511 and five years of general industry safety experience. A college degree in occupational safety and health, a Certified Safety Professional (CSP), or Certified Industrial Hygienist (CIH) designation, in the applicable training area may be substituted for two years of experience. NOTE: Students in Course #501 who wish to participate as authorized trainers in the Outreach Program must successfully pass a written exam at the end of the course. Outreach trainers are required to attend Course #503 at least once every four years to maintain their trainer status.

#502 - Update for Construction Industry Outreach Trainers

This course is designed for personnel in the private sector who have completed #500 Trainer Course in Occupational Safety and Health Standards for the Construction Industry and who are active trainers in the outreach program. It provides an update on such topics as OSHA construction standards, policies, and regulations. Prerequisites: Course #500. NOTE: Outreach trainers are required to attend this course once every four years to maintain their trainer status. Students must bring their current trainer's card for validation.

#503 - Update for General Industry Outreach Trainers

This course is designed for private sector personnel who have completed course #501 Trainer Course in Occupational Safety and Health Standards for General Industry and who are active trainers in the outreach program. It provides an update on OSHA general industry standards and OSHA policies. Prerequisites: Course #501. NOTE: Outreach trainers are required to attend this course once every four years to maintain their trainer status. Students must bring their current trainer's card for validation.

#510 - Occupational Safety and Health Standards for Construction

This course for private sector personnel covers OSHA policies, procedures, and standards, as well as construction safety and health principles. Topics include scope and application of the OSHA construction standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide.

#511 - Occupational Safety and Health Standards for General Industry

This course for private sector personnel covers OSHA policies, procedures, and standards, as well as

general industry safety and health principles. Topics include scope and application of the OSHA general industry standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide.

American Heart Association Instructor

- Complete Core Instructor Course; a discipline-specific instructor course in Basic Life Support, Heart saver, ACLS, PALS; monitored by an American Heart Association Training Center or instructor

American Red Cross

- Areas of training First Aid/CPR/AED, lifeguarding, water safety and CPR/AED for the professional rescuer.
- Demonstrate all basic-level skills for their program area and completed Fundamentals of Instructor training within one year prior to the start of class.

Code:

- Licensed Journeyman or Master in the discipline – or-
- Evidence of trade teaching in the discipline including recent list of classes taught (we said 3 years but that seems like a lot of classes to list) – or –
- Certification as an inspector or plans examiner in the discipline (ICC or IAPMO certifications)
- P.E. in the State of Iowa

Discipline:

- Product representative with experience training trades on said product(s) – or –
- Journeyman or Master in discipline – or –
- Person with evidence of trade teaching in the discipline including a list of recent classes taught
- P.E. in the State of Iowa