

MHA Annual Meeting Agenda

April 14 – 20st, 2014

Day 1, Monday, April 14, 2014

- 4:00 p.m. – Arrival – Pick Up Rooming List in Office
- 6:30 p.m. Dinner
- 7:30 p.m. Welcome, Introductions - Library Auditorium
(Explain the agenda and how it works)
- 7:45 p.m. Workshop Presentations for entire assembly by instructors
- 8:45 p.m. **Executive Board meeting in library**
Committee Meetings as Called
- 9:00 p.m. HMED “Masonry Heater Basics & Theory 101” Introduction by Jerry Frisch.
N.F.I Certification by Bob Wise

Day 2, Tuesday, April 15, 2014

- 7:00 a.m. **“Sketchup Clinic”** by Boris Kukulj and Dan Olson
Bring your laptop with a mouse that has scroll wheel. Learn how to draw arches and many other pertinent features in Sketchup.
- 9:00 a.m. MHA Annual Business Meeting held in Library Auditorium
Accept Agenda
President’s Greeting
Secretary’s Report
Treasurer’s Report
Administrator’s Report/Bookstore
Webmaster’s Report
Reports from Committee’s
Bake Oven
Education
Public Relations
Technical
-(Break)-
Old Business
NSPS Update
New Business
Membership dues structure
Jerry Frisch Award Presentation
- 9:00 a.m. HMED “Masonry Heater Basics & Theory 101 – 3 hrs.
N.F.I. Certification – 3 hrs.

1:30 p.m. **“The Kachelofen – It’s History, Functionality and Construction”** by Jessica Steinhauser and Mario Zauner

4:00 p.m. Domestic Hot Water Installation by Joe Copeland & Dan Givens

6:00 p.m. Dinner

7:30 p.m. **Designing and Building a Custom Heater From A to Z: From the First Meeting to the First Firing.** By Alex Chernov
Looking at examples of real projects we will follow each of the steps in a master heater builder's work, identifying challenges of each step and showing ways to find solutions. We will cover such topics as estimating heat loss of the area or building, assessment of customer's goals with gathered information in mind, calculating heater performance and matching it to the goals, designing the unit according to the goals, and many things in between. The seminar is geared towards heater masons, who are ready to jump into the free flight of custom heater building, or are interested in exploring it in detail.

HMED Sessions #2 - 2 hrs. (Classroom #1)
N.F.I. Certification – 2 hrs. (Classroom #2)

Day 3, Wednesday, April 16,2014

7:00 a.m. **“Sketchup Clinic”** by Boris Kukulj and Dan Olson
Bring your laptop with a mouse that has scroll wheel. Learn how to draw arches and many other pertinent features in Sketchup.

9:00 a.m. “What Does It Mean?” by the Technical Committee

The committee presentation will start with the basics like what are emissions and efficiency to what does grams per kilogram hour(g/kghr) and pounds per million British Thermal Units (Lbs/mmBtu) mean. Understanding these basic concepts and terminology is a must to understand the NSPS and what it means to you.

10:30 a.m. **Session #1**

Hands On #1 - Kachelofen Construction by **Jessica Steinhauser and Mario Zauner**. Construction of a Kachelofen using Kacheln. Jessica and Mario will demonstrate each step of the installation process including the fire chamber, external air intake, the shafts, “Klammern” and the use of “Zwicker” and “Keile.” We will teach you all these German terms... and their functions. The workshop will conclude with a test fire upon completion!

Hands On #2 – Five Run Masonry Heater With Testing Demo by Doug Hargrave & Norbert Senf

Hands On #3– Finnish Heater for Beginner Masons by Marty Pearson and Jeff Owens. Hands-on course that will allow the novice bricklayer to practice laying firebrick during the design and construction of a Finnish contra-flow heater core.

Hands On #4 – Bake/Pizza Oven by Pat Manley

Hands On #5 – Small Guastavino Vault Demo – Instructor Tony Biundo

Hands On #6 – Bricklaying Clinic by Tom Trout and Pat Jenkins

Hands On #7 – Mini Clinics as announced

Hands On #8 - Grunofen J Loop Masonry Heater with Domestic Hot Water by, Eric Moshier, Dan Givens and Joe Copeland (fully licensed mechanical contractor in Alaska, Mountain High Plumbing)

Hands On #9 - Brick Hammer and Trowel Only: " 36" Diameter Regular Clay Brick Dome Oven by Alex Chernov and David Moore

"In this demonstration we will be exploring a potentially fast way to build a low-cost quality dome oven for home use. We will be building the oven from regular clay brick, not using any power tools: just brick hammer and trowel. In our view, an accurately-built regular clay dome oven has more than sufficient strength for home use. We would like to see how fast two good masons can build such oven without any cutting involved to estimate potential cost of such oven for a client. We will be laying brick in Austrian-made clay mortar that offers ceramic bond at lower temperatures, and want to see if the mortar will indeed vitrify and how strong the bond will be after firing and use at our pizza party. As this is an experiment, involving timing the build, this is not a hands-on workshop, but a demonstration of the experiment. "

HMED Class Sessions #3 – 3 hrs.

Written Certification Testing – Administrator

1:30 p.m. Session #2

Hands On #1 - Kachelofen Construction by Jessica Steinhauser and Mario Zauner

Hands On #2 – Five Run Masonry Heater With Testing Demo by Doug Hargrave & Norbert Senf

Hands On #3– Finnish Heater for Beginner Masons by Marty Pearson and Jeff Owens

Hands On #4 – Bake/Pizza Oven by Pat Manley

Hands On #5 – Small Guastavino Vault Demo – Instructor Tony Biundo

Hands On #6 – Bricklaying Clinic by Tom Trout and Pat Jenkins

Hands On #7 – Mini Clinics

Hands On #8 - Grunofen J Loop Masonry Heater with Domestic Hot Water by, Eric Moshier, Dan Givens and Joe Copeland (fully licensed mechanical contractor in Alaska, Mountain High Plumbing)

Hands On #9 - Brick Hammer and Trowel Only:" 36" Diameter Regular Clay Brick Dome Oven by Alex Chernov and David Moore

HMED Class Sessions #4 – 4 hrs.

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| 6:00 p.m. | Dinner |
| 7:30 p.m. | A Unique & Challenging Heater Build by Jerry Frisch
“the most challenging build in a 35 year career” |
| 8:30 p.m. | Mason’s on a Mission presentation by Pat Manley
“Mom’s” projects and MHA members |

Day 4, Thursday, April 17,2014

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| 7:00 a.m. | “Sketchup Clinic” by Boris Kukulj and Dan Olson
Bring your laptop with a mouse that has scroll wheel. Learn how to draw arches and many other pertinent features in Sketchup. |
| 9:00 a.m. | Session #3 |

Hands On #1 - **Kachelofen Construction** by Jessica Steinhauser and Mario Zauner

Hands On #2 – **Five Run Masonry Heater With Testing Demo** by Doug Hargrave & Norbert Senf

Hands On #3– **Finnish Heater for Beginner Masons** by Marty Pearson and Jeff Owens

Hands On #4 – **Bake/Pizza Oven** by Pat Manley

Hands On #5 – **Small Guastavino Vault Demo** – Instructor Tony Biundo

Hands On #6 – **Bricklaying Clinic** by Tom Trout and Pat Jenkins

Hands On #7 – **Mini Clinics**

Hands On #8 - **Grunofen J Loop Masonry Heater with Domestic Hot Water** by, Eric Moshier, Dan Givens and Joe Copeland (fully licensed mechanical contractor in Alaska, Mountain High Plumbing)

Hands On #9 - **Brick Hammer and Trowel Only:" 36" Diameter Regular Clay Brick Dome Oven** by Alex Chernov and David Moore

HMED Class Sessions #5 – 3 hrs.

Written Certification Testing – Administrator

10:30 a.m. Session #4

Hands On #1 - **Kachelofen Construction** by Jessica Steinhauser and Mario Zauner

Hands On #2 – **Five Run Masonry Heater With Testing Demo** by Doug Hargrave & Norbert Senf

Hands On #3– **Finnish Heater for Beginner Masons** by Marty Pearson and Jeff Owens

Hands On #4 – **Bake/Pizza Oven** by Pat Manley

Hands On #5 – **Small Guastavino Vault Demo** – Instructor Tony Biundo

Hands On #6 – **Bricklaying Clinic** by Tom Trout and Pat Jenkins

Hands On #7 – **Mini Clinics**

Hands On #8 - Grunofen J Loop Masonry Heater with Domestic Hot Water by, Eric Moshier, Dan Givens and Joe Copeland (fully licensed mechanical contractor in Alaska, Mountain High Plumbing)

Hands On #9 - Brick Hammer and Trowel Only:" 36" Diameter Regular Clay Brick Dome Oven by Alex Chernov and David Moore

Written Certification Testing – Administrator

1:30 p.m. Session #5 & **Executive Board Meeting**

Hands On #1 - Kachelofen Construction by Jessica Steinhauser and Mario Zauner

Hands On #2 – Five Run Masonry Heater With Testing Demo by Doug Hargrave & Norbert Senf

Hands On #3– Finnish Heater for Beginner Masons by Marty Pearson and Jeff Owens

Hands On #4 – Bake/Pizza Oven by Pat Manley

Hands On #5 – Small Guastavino Vault Demo – Instructor Tony Biundo

Hands On #6 – Bricklaying Clinic by Tom Trout and Pat Jenkins

Hands On #7 – Mini Clinics

Hands On #8 - Grunofen J Loop Masonry Heater with Domestic Hot Water by, Eric Moshier, Dan Givens and Joe Copeland (fully licensed mechanical contractor in Alaska, Mountain High Plumbing)

Hands On #9 - Brick Hammer and Trowel Only:" 36" Diameter Regular Clay Brick Dome Oven by Alex Chernov and David Moore

HMED Class Sessions #6 – 4 hrs.

Written Certification Testing – Administrator

6:00 p.m. Dinner

- 6:45 p.m. Auction Volunteers meeting
- 7:00 p.m. **Annual Auction** in North Lodge Lower Level

Day 5, Friday, April 18, 2014

7:00 A.m. **“Sketchup Clinic”** by Boris Kukulj and Dan Olson
Bring your laptop with a mouse that has scroll wheel. Learn how to draw arches and many other pertinent features in Sketchup.

9:00 a.m. Session #6

Hands On #1 - Kachelofen Construction by Jessica Steinhauser and Mario Zauner

Hands On #2 – Five Run Masonry Heater With Testing Demo by Doug Hargrave & Norbert Senf

Hands On #3– Finnish Heater for Beginner Masons by Marty Pearson and Jeff Owens.

Hands On #4 – Bake/Pizza Oven by Pat Manley

Hands On #5 – Small Guastavino Vault Demo – Instructor Tony Biundo

Hands On #6 – Bricklaying Clinic by Tom Trout and Pat Jenkins

Hands On #8 - Grunofen J Loop Masonry Heater with Domestic Hot Water by, Eric Moshier, Dan Givens and Joe Copeland (fully licensed mechanical contractor in Alaska, Mountain High Plumbing)

Hands On #9 - Brick Hammer and Trowel Only:" 36" Diameter Regular Clay Brick Dome Oven by Alex Chernov and David Moore

HMED Class Sessions #7 – 3 hrs.

Hands On Certification Test – John McDougall
Written Certification Testing – Administrator

2:00 p.m. **Fiesta de Pizza - Pizza Party Starts – no dinner in dining room**

7:00 p.m. **Council of Certified Heater Mason's Meeting** with Workshop
Instructors in North Lodge downstairs

Day 6, Saturday, April 19, 2014

- 7:00 a.m. **"Sketchup Clinic"** by Boris Kukulj and Dan Olson
Bring your laptop with a mouse that has scroll wheel. Learn how to draw arches and many other pertinent features in Sketchup.
- 9:00 a.m. **Entire Group Assembly** in auditorium – president's farewell address
- 10:00 a.m. Finish up Outdoor Workshops
HMED Class Sessions #8 – 3 hrs.
- 1:30 p.m. Clean up Outdoor workshops & Inventory
President, Executive Director, Committee Chairs
- 3:00 p.m. Committee Meetings as needed
- 6:00 p.m. Dinner
- 7:30 p.m. Entire assembly in auditorium for Awards and Q & A
- 9:00 p.m. **Untold Stories and Oops That Confront a Masonry Heater Builder.** An evening of laughter as members confess embarrassing situations in real life of a MHA member on the job.
(Caution may include adult humor and language)

Day 7, Sunday, April 20, 2014

Leave after breakfast – have a safe trip home.

It is important that all seminars and workshops start and stop on time.

All attendees must provide safety equipment to participate in workshops
(safety glasses, gloves, proper footwear, tools, etc.)