

# MHA Annual Meeting Agenda

## April 13 – 19th, 2015

### Day 1, Monday, April 13, 2015

- 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 Jim Frisch.

### Day 2, Tuesday, April 14, 2015

- 7:00 a.m. **“Sketchup Clinic”** by Boris Kukulj  
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  
New Business: Election  
**-(Break)-**  
Old Business  
NSPS Update  
New Business  
New Membership Category  
Denial of Membership Guidelines  
Jerry Frisch Award Presentation  
Election Results

- 9:00 a.m. HMED “Masonry Heater Basics & Theory 101 – 3 hrs.
- 1:30 p.m. Seminar – **“Exploring Space Heating By Means Of A Rocket”** by Peter Van den Berg and Lasse Holmes
- 4:00 p.m. Seminar – NSPS Update and Calculated Testing by Technical Committee and Damien Lehmann
- 6:00 p.m. Dinner
- 7:30 p.m. Seminar – **Integrating Alternate Energy with Masonry Heaters**  
By Joe Copeland and Dan Givens

HMED Sessions #2 - 2 hrs. (Classroom #1)

### **Day 3, Wednesday, April 15, 2015**

- 7:00 a.m. **“Sketchup Clinic”** by Boris Kukolj  
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. Seminar – Demonstrations in Workshop Area.  
**Ecco Stove** from the United Kingdom by David Ashmore  
**Fire Tube** from Germany by Axel Schmitz

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

**Hands On #1 - Rocket Heater technology incorporated In A Masonry Bell, Rocket/Bell** by Peter Van den Berg and Lasse Holmes. Hands-on building of a single masonry bell, with a coupled bench implemented as a dead end. The combustion chamber will be built as a batch fed rocket. In this core pyrolysis is largely separated from secondary combustion. Turbulence is mainly achieved by the shape of the innards instead of air injection.

**Hands On #2 – Five Run Masonry Heater With Testing Demo** by Tech. Committee & Damien Lehmann

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

**Hands On #5 – Grundofen Cabin Stove with a Cooktop** by Eric Moshier We will be building a calculated Grundofen heater with a small cooktop with approximate dimensions of 48”w X 28”d X40”h. The stove will be finished in 4” concrete block and then plastered with clay for a simple, easy finish. This stove is easy to build and is a nice size for smaller dwellings under 1,000 s.f.

**Hands On #6 – Bricklaying Clinic** by Mike Gilmore

**Hands On #7 – Mini Clinics as announced**

**Hands On #8 - Integrating Alternate Energy with Masonry Heaters** – by Dan Givens & Joe Copeland

**Hands On #9 - Building a Masonry Smoker** by Chris Prior  
This is the third masonry smoker workshop I am doing at Wildacres. The smoker being built is a smaller and simpler that requires far less materials to construct. I will have complete easy to follow construction drawings available in the attendee handbook.

**HMED Class Sessions #3 – 3 hrs.**

**Written Certification Testing** – Administrator

1:30 p.m.

## **Session #2**

**Hands On #1 - Rocket Heater technology incorporated In A Masonry Bell, Rocket/Bell** by Peter Van den Berg & Lasse Holmes

**Hands On #2 – Five Run Masonry Heater With Testing Demo** by Technical Committee & Damien Lehmann

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

**Hands On #5 – Grundofen Cabin Stove with a Cooktop** by Eric Moshier

**Hands On #6 – Bricklaying Clinic** by Mike Gilmore

**Hands On #7 – Mini Clinics as announced**

**Hands On #8 - Integrating Alternate Energy with Masonry Heaters – by Dan Givens & Joe Copeland**

**Hands On #9 - Smoker by Chris Prior**

**HMED Class Sessions #4 – 4 hrs.**

6:00 p.m. Dinner

7:30 p.m. **My Masonry Heater Smokes - Yikes!** By Marge and Gene Padgitt  
Find out what different issues cause this common problem with masonry heaters, fireplaces, indoor ovens. and wood-burning stoves. Smoking, mold issues, cold drafts, stale air, and more are caused by negative house pressure, stack effect, and improper chimney size or height and other issues. Several solutions are available and we'll discuss them all. This is knowledge that every builder needs to know before problems arise and extra unexpected costs are involved.

Then

**“Masonry Heater Challenges in Australia” by Alan Burdon and Fiona Kotvojs.**

“Historically wood heating has been Australia’s main form of heating and is experiencing resurgence as the cost of gas and electricity escalates. However many Councils, government agencies and community groups oppose this on the basis of greenhouse gas emissions and, to a lesser extent, particulate matter. They are unaware of the practical and environmental benefits of masonry heaters, which didn’t make it to Australia despite our large immigrant population from northern Europe. In this context, we are introducing masonry heaters to Australia. We will speak on the historical perspective, the regulatory environment and marketing – what is working and what didn’t.”

9:30 p.m. **Council of Certified Heater Mason’s Meeting** in North Lodge downstairs

**Day 4, Thursday, April 16, 2015**

7:00 a.m. **“Sketchup Clinic”** by Boris Kukulj  
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 - Rocket Heater technology Incorporated In A Masonry Bell, Rocket/Bell** by Peter Van den Berg & Lasse Holmes

**Hands On #2 – Five Run Masonry Heater With Testing Demo** by Technical Committee & Damien Lehmann

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

**Hands On #5 – Grundofen Cabin Stove with a Cooktop** by Eric Moshier

**Hands On #6 – Bricklaying Clinic** by Mike Gilmore

**Hands On #7 – Mini Clinics as announced**

**Hands On #8 - Integrating Alternate Energy with Masonry Heaters –** by Dan Givens & Joe Copeland

**Hands On #9 - Smoker** by Chris Prior

### **HMED Class Sessions #5 – 3 hrs.**

**Written Certification Testing – Administrator**

10:30 a.m.

### **Session #4**

**Hands On #1 - Rocket Heater technology incorporated in a Masonry Bell, Rocket/Bell** by Peter Van den Berg & Lasse Holmes

**Hands On #2 – Five Run Masonry Heater With Testing** by Technical Committee & Damien Lehmann

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

**Hands On #5 – Grundofen Cabin Stove with a Cooktop** by Eric Moshier

**Hands On #6 – Bricklaying Clinic** by Mike Gilmore

**Hands On #7 – Mini Clinics as announced**

**Hands On #8 - Integrating Alternate Energy with Masonry Heaters – by Dan Givens & Joe Copeland**

**Hands On #9 - Smoker by Chris Prior**

**Written Certification Testing – Administrator**

1:30 p.m.

**Session #5 & Executive Board Meeting**

**Hands On #1 - Rocket Heater technology incorporated In A Masonry Bell, Rocket/Bell by Peter Van den Berg & Lasse Holmes**

**Hands On #2 – Five Run Masonry Heater With Testing Demo by Technical Committee & Damien Lehmann**

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

**Hands On #5 – Grundofen Cabin Stove with a Cooktop by Eric Moshier**

**Hands On #6 – Bricklaying Clinic by Mike Gilmore**

**Hands On #7 – Mini Clinics as announced**

**Hands On #8 - Integrating Alternate Energy with Masonry Heaters – by Dan Givens & Joe Copeland**

**Hands On #9 - Smoker by Chris Prior**

**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 17, 2015**

7:00 A.m.     **“Sketchup Clinic”** by Boris Kukolj  
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** - Rocket Heater technology incorporated in a Masonry Bell, Rocket/Bell by Peter Van den Berg & Lasse Holmes

**Hands On #2 – Five Run Masonry Heater With Testing Demo** by Technical Committee & Damien Lehmann

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

**Hands On #5 – Grundofen Cabin Stove with a Cooktop** by Eric Moshier

**Hands On #6 – Bricklaying Clinic** by Mike Gilmore

**Hands On #7 – Mini Clinics as announced**

**Hands On #8 - Integrating Alternate Energy with Masonry Heaters –** by Dan Givens & Joe Copeland

**Hands On #9 - Smoker** by Chris Prior

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**

## **Day 6, Saturday, April 18, 2015**

7:00 a.m.     **“Sketchup Clinic”** by Boris Kukolj  
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 and Design Award presentations.
- 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 meeting
- 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 19, 2015**

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.)