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 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.  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 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 #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.

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**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.)