



Minnesota Society of Housing Inspectors

Proudly Presents: Muska Electric, MJUA and Thomas Stone.

All registrations should be done at www.mshi.org Go to the seminars link and pay by credit card. **All attendees need to register.**

Date: Saturday November 12th

Time: 7:30 AM: Registration and breakfast.
8:00 AM: Seminar
Lunch and snacks included.
5:00 PM: Completion of seminar

Location: Continuing Education Building, St. Paul Campus of the University of Minnesota. 1890 Buford Ave. St. Paul, Mn. 55108

Cost: **FREE TO MSHI MEMBERS!** \$100.00 for non – members. (join as a new member and seminar is free) Sign up as a new member at www.mshi.org

Speakers and Topics

Muska Electric:

Muska Electric was listed among the top ten electrical contractors by the Minneapolis/St. Paul Business Journal. Muska Electric's team of project managers and electricians provide expert installation, maintenance and repair for commercial, retail, industrial and residential jobs. Muska Electric Company has been a trusted industry expert since 1919. The topics they will be covering include, but are not limited to:

ARC FAULTS:

How does an arc fault work?

How can you test it?

When did it become mandated?

Do people need to retrofit with arc faults?

What is the difference between gfci and arc faults?

What do we look for when grounding the panel when:

Metal Supply water line piping into the home feeds a plastic piping manifold for the rest of the home?

What do we need to see when there is plastic water supplying the home and the rest is copper. or plastic on plastic for that matter.

Grounding sub-panels. Why do we do it, we almost never see it done right.
can you, in BASIC terms, describe the full loop circuit involved in such grounding.

Amp vs volts vs watts. If 100 amps comes into a home and 100 amps leaves a home, where does the 'power' go?

CSST bonding requirements, when it was required and where to look.
What specific wire and clamps are used based on service size.

bonding, vs grounding vs jumping

where should appliances be grounded?

Smoke alarms hard wired vs battery operated where and when is hardwiring required?

What problems have you seen with double tapped breakers. We always call them out, but have you seen problems with it. What is their typical fix for double tapped breakers.

Tandem breakers. How do you view multiple tandem breakers in a panel not specified.
Maybe put together some photos showing the legend on the panel and how to interpret it.

What panels allow tandems where and why.
Aluminum wiring and fixes they use. Fires you know about because of it. when exactly did they use it. how can we differentiate between aluminum and nickle coated copper wiring?

Wire sizing into the home. What gauges should we be looking for?
110/220
single/two and 3 phase. 220/221, whatever it takes.

MN Joint underwriters Association:

Mike McClure from MJUA will be speaking from 1-3PM on proper verbiage in our reports and Inspection agreements and the various legalities involved in the insurance process. Here is a little bit about Mike:

MJUA - Underwriting consultant- 1999 to present
Review all applications submitted for acceptance
Set up new insurance coverage programs required by State of MN
MN Marketing Assistance Plan Coordinator- 1995 to present.
Assist Insurance agents and insured's with finding difficult
to place insurance coverage's.
Licensed State of MN insurance agent- 1980 to present

FHA Changes and Updates:

Our very own Thomas Stone will be speaking on the latest changes and updates to the FHA appraisal process and how that effects our inspection process from 3-5PM.

8 hours of continuing education credits have been applied for ASHI and applied for with NAHI.

You can also use these hours for your city required continuing education.

*******SIGN UP TODAY! LIMITED SEATING*******