The Fort Worth Chapter hosted a R.A.I.L. test review class at their last member meeting, Kevin Tucker graciously taught a free class for anyone that wanted to come, for a refresher class prior to the certification exam. For 2 hours everyone studied hard, and asked questions, it was a great class, thank you Kevin.

Pool Professionals must have a license to perform any electrical work. You all know this. I’m sure all of you are aware that in order to run a business you must have the tools to do so, an appliance installer license is required so please get it done. It really is not brain surgery.

Kevin Tucker offered to come back and teach more classes, open to all, so if your chapter is interested please contact Kevin ktucker@texas.net

---

**Fort Worth Chapter R.A.I.L. Review Class**

By Dave Durkin director of Region 1

Just recently I was having a conversation with a fellow pool pro. The subject being that there was an easy way to bond a swimming pool. His explanation on how to do this was all you had to do was drive a bonding rod into the ground and connects the bond wire to it. He added that this was the correct way to bond/ground a swimming pool.

This got me thinking how is this possible? With all my years of experience on electrical this made me wonder if this was a true fact? I decided to look into this in the National Electric Code book. The term bonding rod was nowhere to be found in the NEC. That is because there is no such thing as a bonding rod. If you tried this it would be illegal, under section 680, 250, of the NEC.

If you did decide to drive a bond/ground rod on an un-bonded pool you will not solve the bonding problem. A bond/ground rod more than 6 feet from the main panel would be illegal under section 250 of the NEC. The funny thing is when you drive a ground

---

**Know your Electrical Code**

**TABLE OF CONTENTS**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fort Worth R.A.I.L. Class</td>
<td>1</td>
</tr>
<tr>
<td>Know your Electrical Code</td>
<td>1+3</td>
</tr>
<tr>
<td>Chapter Meetings/Contacts/Advertising Info</td>
<td>2</td>
</tr>
<tr>
<td>Calendar</td>
<td>3</td>
</tr>
<tr>
<td>Region News</td>
<td>4+5</td>
</tr>
<tr>
<td>Pool Quiz Answers from October/Birthdays</td>
<td>7</td>
</tr>
<tr>
<td>Contest/Tarrant</td>
<td>12</td>
</tr>
<tr>
<td>GFCI Question</td>
<td>13</td>
</tr>
<tr>
<td>Attention Distributors/SW Show</td>
<td>16</td>
</tr>
<tr>
<td>Pool Quiz/Elections</td>
<td>16</td>
</tr>
</tbody>
</table>

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Continue on page 3
CHAPTER MEMBER MEETINGS

AUSTIN MEMBER MEETING
Austin Energy Building
721 Barton Spring Rd.# TLC130
Austin, TX 78704
First Tuesday of the month 6:00pm
Jim Smith President 512-206-0606
Hal Denbar Vice President 512-636-8122
Todd Swearingen Secretary 512-326-4695
Rick Beaubouef Treasurer 512-466-9672

CORPUS CHRISTI MEMBER MEETING
Island Italian Restaurant
15370 S. Padre Island Dr.
Corpus Christi, TX 78418
First Thursday of the month 6:30pm
Mike Baker President 361-563-7665
Ben Goslin Vice President 361-442-6187
Wade Deshazer Secretary 361-658-8581
Michael Holzer Treasurer 361-815-0936

DALLAS MEMBER MEETING
SCP-Plano Training Center,
1212 10th Street
Plano, TX 75074
See calendar page - 5:30pm
Eustaquio Portillo President 214-325-6746
Bill Winter Vice President 972-523-0537
Sean Ralls Secretary 972-849-0746
Lorna MacDougall Treasurer 972-222-4105

FORT WORTH MEMBER MEETING
La Playa Maya Restaurant
1540 N. Main Street
Fort Worth, TX 76106
Third Tuesday of the month 6:30pm
Jason S. Lehmann President 817-605-0194
Tina Lehmann Vice President 817-991-0555
Tony Martinez Secretary 817-825-6684
John Powers Treasurer 817-453-5426

HOUSTON MEMBER MEETING
Fuddruckers
2475 Kirkwood
Houston, TX
Second Tuesday of the month 7:00pm
Board Meeting preceding
Rita Jacobsmeyer President 281-808-9730
David Queen Vice President 281-807-5442
Will Caudle Secretary 281-345-9656
Doug Dinkins Treasurer 281-794-6644

MID CITIES MEMBER MEETING
SCP Carrollton
2107 Hutton Dr.,
Carrollton, TX 75006
First Monday of the month 7:00pm
Jeremy Smith President 214-695-8717
Henry Shackley Vice President 972-445-0526
Kraig Williams Secretary/Treasurer 972-800-2123

RIO GRANDE MEMBER MEETING
SCP McAllen
1201 W. Warren Street
Rio Grande Valley
Second Tuesday of the month 6:30pm
Humberto Garces President 956-867-7194
Ron Long Vice President 830-246-2788
Johnny Schultz Treasurer 830-253-1222

SAN ANTONIO MEETING
Clear Springs Restaurant
606 Alton Oaks
San Antonio, TX
First Monday of the month
Officers Meeting 6:00 pm
Chapter Meeting 6:30 pm
Attendance is taken 7:00 pm
Phil Sharp President 210-673-2909
Randy Keefe Vice President 210-519-7901
Becky Clayson Secretary 210-240-3121
Frank Berlanga Treasurer 210-732-7817

TARRANT COUNTY MEMBER MEETING
China Dragon Buffet
2013 Airport Freeway
Euless, TX 76040
Second Tuesday of the month 7:00pm
Dave Boyd President 817-235-5654
Will Ainsworth Vice President 817-987-8580
Tara Butts Secretary 817-851-8150
Monica Morris Treasurer 817-733-4285

WAXAHACHIE MEMBER MEETING
Quality Inn & Suites
3891 S. Great Southwest Pkwy.
Grand Prairie, TX 75052
Second Wednesday of the month 7:00am
Neal Holt President 972-617-9877
Larry Hutson Vice President 972-617-7999
Bob Bauer Treasurer/Secretary 214-577-4843
The purpose of Thanksgiving is to commemorate the good harvest of the Pilgrims in 1621, and to give thanks for our friends, family and good fortune.

Know your electrical code

Continued from page 1

rod at the pool equipment it will only bond the dirt. This would not accomplish the Faraday Effect and leave people open to electrocution.

If you happen to come across this situation I highly recommend that you contact a licensed electrician or pool builder. Remember this, there is no such thing as a bonding/grounding rod!

ORDER YOUR IPSSA TRAINING MANUALS

YOU CAN ORDER THESE TRAINING MANUALS AT YOUR NEAREST CHAPTER OR ONLINE AT www.ipssa.com

1. IPSSA Basic Training Manual – Part 1 Chemicals
   a. Member price is $24.95
   b. Workbook price is $6.95
   c. Non-member price is $49.95
   d. Workbook price is $12.95

2. IPSSA Basic Training Manual – Part 2 Equipment
   a. Member price is $24.95
   b. Workbook price is $6.95
   c. Non-member price is $39.95
   d. Workbook price is $12.95

3. IPSSA Intermediate Training Manual – Part 1 Chemicals
   a. Member price is $24.95
   b. Workbook price is $6.95
   c. Non-member price is $49.95
   d. Workbook price is $12.95

4. IPSSA Continuing Education Series – Pool Chlorination Facts
   a. Member price is $24.95
   b. Non-member price is $29.95
UPCOMING EVENTS
The 2013 Southwest Pool & Spa Show

Region 9 Executive Board
Director - Jim Jacobsmeyer
281-474-7665
Secretary - Phil Sharp
210-673-2909
Treasurer - Jason S. Lehmann
817-605-0194

Board Officers
Austin - Jim Smith
512-206-0606
Corpus Christi - Mike Baker
361-563-7665
Dallas - Eustaquio Portillo
972-278-3917
Fort Worth - Jason S. Lehmann
817-605-0194
Houston - Rita Jacobsmeyer
281-474-7665
Mid Cities DFW - Jeremy Smith
214-695-8717
Rio Grande - Humberto Garces
956-867-7194
San Antonio - Phil Sharp
210-673-2909
Tarrant County - Dave Boyd
817-235-5654
Waxahachie - Neal Holt
214-837-5884

NEW BOARD - NEW REGION
A new Region was formed at our last Region 9 meeting on October 13th in San Antonio.
The new Region 12 will start with 5 chapters in the northern part of Texas, Region 9 will remain in the southern part. The new board for Region 12 was elected. Todd Starner Region 11 head of the expansion board led the meeting.
Region 12 will be official in February 2013 after the ipssa B.O.R.D. meeting in California.

Jason Lehmann for President, Neal Holt as Secretary, Jeremy Smith as Treasurer.
Pictured from left to right.
I just returned from the IPSSA Region 9 fourth quarter meeting held in San Antonio, TX. The primary purpose for the meeting was to begin the process of creating IPSSA Region 12 which encompasses, for now, the DFW metroplex. During the meeting we held elections for officers to lead this new Region into an established viable entity that promotes, and at the same time defines, the values that IPSSA has stood for since its inception. Chief among those values are Honesty, Integrity, and Respect for all who willingly step forward to give their time and effort to promote and grow the IPSSA brand. True leadership is measured and held accountable by how it embraces the values that all IPPSA members require of them. As we move through the next two years, it is my hope that we achieve transparency in the new board's decisions as they affect Region 12 members, its goals, and its values. From time to time I'll let you know how it's going.

Thanks you,
Dave Boyd
Chapter President
Tarrant County IPSSA
<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superior Houston</td>
<td>10641 S. Sam Houston Pkwy West, Suite 400, Houston, TX 77071</td>
<td>281.776.0808</td>
</tr>
<tr>
<td>Superior San Antonio</td>
<td>610 Sandau Road, San Antonio, TX 78216</td>
<td>210.341.9103</td>
</tr>
<tr>
<td>SCP Frisco</td>
<td>7060 All Stars Ave, Suite A, Frisco, TX 75034</td>
<td>214.618.9770</td>
</tr>
<tr>
<td>SCP Fort Worth</td>
<td>7427 Dogwood Park, Ft Worth, TX 76118</td>
<td>817.995.0525</td>
</tr>
<tr>
<td>SCP Arlington</td>
<td>2900 E. Pioneer Pkwy. Ste. 180, Grand Prairie, TX 76010</td>
<td>972.988.0657</td>
</tr>
<tr>
<td>SCP Houston South</td>
<td>1665 Townhurst, Suite 190, Houston, TX 77043</td>
<td>713.973.6051</td>
</tr>
<tr>
<td>SCP Houston North</td>
<td>9307 Millisview Road, Houston, TX 77070</td>
<td>281.469.9696</td>
</tr>
<tr>
<td>SCP Houston Dunvale</td>
<td>3938 Dunvale, Houston, TX 77063</td>
<td>713.783.0882</td>
</tr>
<tr>
<td>SCP Oklahoma City</td>
<td>306 Hudiburg Circle, Oklahoma City, OK 73108</td>
<td>405.943.1700</td>
</tr>
<tr>
<td>SCP Tulsa</td>
<td>5304 A South 125th East Ave, UNIT A, Tulsa, OK 74146</td>
<td>918.250.6106</td>
</tr>
<tr>
<td>SCP Austin</td>
<td>9230 Neils Thompson Dr., Suite 108, Austin, TX 78758</td>
<td>512.835.4200</td>
</tr>
<tr>
<td>SCP South Austin</td>
<td>2124 E. St. Elmo, Austin, TX 78744</td>
<td>512.326.8478</td>
</tr>
<tr>
<td>SCP Carrollton</td>
<td>2107 Hutton Drive, Carrollton, TX 75006</td>
<td>972.241.6626</td>
</tr>
<tr>
<td>SCP Woodlands</td>
<td>17001 Donwick Dr., Conroe, TX 77385</td>
<td>936.321.7145</td>
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</tbody>
</table>

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1. Two people in a 400-gallon spa use up 1.0 ppm of free available chlorine in the first 15 minutes of use.
   a) True

2. Which type of chlorine has cyanuric acid in it?
   a) Liquid
   b) Sodium dichlor
   d) Both A and B

3. The pH of trichlor is approximately:
   d) 2 - 3

4. What should you expect to see at an unusually high level if you have a chlorine generator on a pool?
   c) Total dissolved solids

5. Using which of the following to raise total alkalinity will have the least affect on pH?
   c) Sodium bicarbonate
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Jami Pittman
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jpittman@stellarsales.net

SOUTH TEXAS CONTACT:
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IPSSA Texas Mascot Contest

IPSSA Texas is having a contest, to create a mascot for our region. Something eye-catching, creative, memorable. If we want our consumers to know about ipssa we will have to go out there and educate the consumers, so he/she will hire an educated, reliable, insured and certified ipssa member to do the job. This may be a way to at least get them to ask the question. “Who’s in my Backyard”

The theme of this contest is “Who’s in Your Backyard?”

1. The contestants will post their ideas of a mascot for ipssa Texas on the www.facebook.com/ipssatexas facebook page
2. If you do not want to use facebook the artwork can be emailed to me (info@ipssatexas.com) and I can post it for you.
3. I hope that everyone will have some fun with this, nothing crude please, keep it light.
4. Your reward will be a new ipod for you to enjoy, maybe while you are working outside. Music always makes the work go better, don’t you think?

The end of the contest will be December 31st

The winner will be announced by the 15th of January 2013

I would love to see a big response to something that I hope will be a fun project. Who knows some of you may be an undiscovered artist!!

Ingrid Slagle
Webmaster

IPSSA Tarrant County Chapter Raffle Results

On October 9th we held our open house and raffle at the China Dragon Buffett in Euless, TX., our regular meeting place, The Dixie House Cafe decided to close due to Route 183 construction. So we went next door to the China Dragon Buffett and they were very gracious in accommodating our group. As a result of their hospitality we have decided to make them our ongoing chapter meeting place.

We want to give a big thank you to all who supported the raffle, including Jetline Pool Products, SCP Fort Worth, SCP Arlington, Superior Pool Products Grapevine, Jon Gartner from Raypak and all of our chapter members who sold tickets and bought them. Our chapter made over $2000.00 from the ticket sale and we will be identifying our Community outreach project right after the new year.

Here is the list of winners:

Rex Godbee TGIF Gift card (IPSSA member)
Will Ainsworth Gas Gift card (IPSSA member)
Ken Johann Home Depot Gift card
Rich Szymczak Salt Grass Steak House Gift card (IPSSA member)
Ed Campbell Academy Sports & Outdoors Gift card (Jetline)
Sharon Henry Office Depot Gift card (SPP Office Administrator)
Monica Morris Chili’s Gift card (IPSSA member)

Our Grand Prize winner is Monica Morris who wins the vacation beach house in Surfside, TX. She and 11 of her closest friends will be enjoying the three bedroom, two full bath, full kitchen beach house which is 200 yards from the Atlantic ocean. Congratulations to all of the winners and those who supported the IPSSA Tarrant County Chapter with their time and money.

Thank you one and all,
Dave Boyd
President IPSSA Tarrant County
Question about a GFCI on a Pool Light that Tripped after about 90 Seconds.

I was reading the 2011 NEC Handbook - not the 2011 NEC Code - but the handbook- on page 1069 of the hardbound version- it says:

"A Class A GFCI trips where the current to ground has a value in the range of 4 through 6 mA; it is suitable for use in swimming pool circuits. It should be noted, however, that circuits supplying pool equipment including underwater luminaires (lights), that were installed before local adoption of the 1965 edition of the code may have sufficient leakage current to cause a Class A GFCI to trip. A Class B GFCI trips if the current to ground exceeds 20 mA; it is suitable for use only with underwater swimming pool lighting installed before the local adoption of the 1965 code."

This might explain a lot - If you run into this kind of strange issue

Submitted by Kevin Tucker

Chocolate Bourbon Pecan Pie

Ingredients
- 1 (9 inch) pie shell
- 1 cup white sugar
- 1 cup light corn syrup
- 1/2 cup butter
- 4 eggs, beaten
- 1/4 cup bourbon for the pie
- 1 cup for the chef
- 1 teaspoon vanilla extract
- 1/4 teaspoon salt
- 6 ounces semisweet chocolate chips
- 1 cup chopped pecans

Directions
1. Preheat oven to 325 degrees F (165 degrees F).
2. In a small saucepan combine sugar, corn syrup, and butter or margarine. Cook over medium heat, stirring constantly, until butter or margarine melts and sugar dissolves. Cool slightly.
3. In a large bowl combine eggs, bourbon, vanilla, and salt. Mix well. Slowly pour sugar mixture into egg mixture, whisking constantly. Stir in chocolate chips and pecans. Pour mixture into pie shell.
4. Bake in preheated oven for 50 to 55 minutes, or until set and golden. May be served warm or chilled.
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Dallas/Fort Worth area, Jason Lehmann 817-605-0194

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POOL QUIZ

1. Cyanuric Acid can be used to stabilize which of the following?
   a. Bromine
   b. Ozone
   c. Chlorine
   d. All the above

2. To sanitize means to kill all bacteria, algae and pathogenic organisms
   a. True
   b. False

3. Cal Hypo is classified as an extreme oxidizer. It will support combustion, and mixing it with organics will cause fire.
   a. True
   b. False

4. Which type of chlorine has the lowest pH?
   a. Liquid
   b. Dichlor
   c. Cal hypo
   d. Gas

5. The most practical way to lower the cyanuric acid level in a pool is to:
   a. Add potassium peroxyasaosulfate
   b. Ammonium hyperoxide
   c. Drain and refill all or part of the pool water
   d. Add large amounts of muratic acid

   Find answers in the next issue

Dallas Chapter Elections

Wow! The Dallas chapter had its members meeting hosted by Keith Coy and Jenny Hill Hunnel with Hayward. Thanks Keith, great presentation as always. The reason I am excited is because the future for the north Texas chapters looks good. Thanks to Jetline and Rheem for joining us. Everyone is welcome to our meetings.

We had our nominations for our elections for November:
Eustaquio Portillo for President
Bill Winter for Vice President
Juan Colunga for Treasure
James Stappleton for Secretary
I would like to congratulate the elected officers for our Region 12. You know I will keep you in check. Thanks for stepping up.

Eustaquio Portillo
Chapter President

Mid Cities Chapter Elections

Mid Cities Chapter also held election for new officers:

Election Results:
Jeremy Smith - President
Kraig Williams - Vice President
Keith May - Secretary
Mike Bomalik - Treasurer